

FORM SE
FORM FOR SUBMISSION OF PAPER FORMAT EXHIBITS
BY ELECTRONIC FILERS

Amerquest Mortgage Securities Inc.
Exact Name of Registrant as Specified in Charter

0001102913
Registrant CIK Number

Form 8-K, May 7, 2004, Series 2004-R4

333-112203

Name of Person Filing the Document
(If Other than the Registrant)



18
X

MAY 10 2004

PROCESSED
MAY 13 2004
THOMSON
FINANCIAL

A handwritten signature in the bottom right corner.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

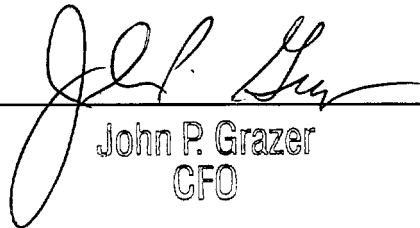
Dated: April 7, 2004

AMERIQUEST MORTGAGE SECURITIES INC.

By: _____

Name:

Title:


John P. Grazer
CFO

**IN ACCORDANCE WITH RULE 202 OF REGULATION S-T, THIS EXHIBIT IS
BEING FILED IN PAPER PURSUANT TO A CONTINUING HARDSHIP EXEMPTION.**

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>	<u>Format</u>
99.1	Computational Materials	P*

* The Computational Materials have been filed on paper pursuant to a continuing hardship exemption from certain electronic requirements.

Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Breakeven Runs

Assumptions:

- 1) Prepayment - Pricing ARMS 27CPR FIXED 2-20CPR 10 mos
- 2) Severity = 40%
- 3) Lag Months = 12
- 4) Triggers Hit

Forward LIBOR			
	Bond	CDR %	Total Collateral Loss %
A	M2	13.37	13.07
A-	M3	12.08	12.14
BBB+	M4	10.49	10.91
BBB	M5	9.33	9.96

THIS IS PROPRIETARY INFORMATION AND IS NOT FOR DISTRIBUTION. This Structural Term Sheet, Collateral Term Sheet, or Computational Materials, as appropriate (the "material"), was prepared solely by the Underwriter(s), is privileged and confidential, is intended for use by the addressee only, and may not be provided to any third party other than the addressee's legal, tax, financial and/or accounting advisors for the purposes of evaluating such information. Prospective investors are advised to read carefully, and should rely solely on, the final prospectus and prospectus supplement (the "Final Prospectus") related to the securities (the "Securities") in making their investment decisions. This material does not include all relevant information relating to the Securities described herein, particularly with respect to the risk and special considerations associated with an investment in the Securities. All information contained herein is preliminary and it is anticipated that such information will change. Any information contained herein will be more fully described in, and will be fully superseded by the preliminary prospectus supplement, if applicable, and the Final Prospectus. Although the information contained in the material is based on sources the Underwriter(s) believe(s) to be reliable, the Underwriter(s) make(s) no representation or warranty that such information is accurate or complete. Such information should not be viewed as projections, forecasts, predictions, or opinions with respect to value. Prior to making any investment decision, a prospective investor shall receive and fully review the Final Prospectus. NOTHING HEREIN SHOULD BE CONSIDERED AN OFFER TO SELL OR SOLICITATION OF AN OFFER TO BUY ANY SECURITIES. The Underwriter(s) may hold long or short positions in or buy and sell Securities or related securities or perform for or solicit investment banking services from, any company mentioned herein.

Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Breakeven Runs

Assumptions:

- 1) Prepayment - Pricing ARMS 27CPR FIXED 2-20CPR 10 mos
- 2) Severity = 35%
- 3) Lag Months = 12
- 4) Triggers Hit

Forward LIBOR			
A	Bond	CDR %	Total Collateral Loss %
	MZ	15.60	12.76

THIS IS PROPRIETARY INFORMATION AND IS NOT FOR DISTRIBUTION. This Structural Term Sheet, Collateral Term Sheet, or Computational Materials, as appropriate (the "material"), was prepared solely by the Underwriter(s), is privileged and confidential, is intended for use by the addressee only, and may not be provided to any third party other than the addressee's legal, tax, financial and/or accounting advisors for the purposes of evaluating such information. Prospective investors are advised to read carefully, and should rely solely on, the final prospectus and prospectus supplement (the "Final Prospectus") related to the securities (the "Securities") in making their investment decisions. This material does not include all relevant information relating to the Securities described herein, particularly with respect to the risk and special considerations associated with an investment in the Securities. All information contained herein is preliminary and it is anticipated that such information will change. Any information contained herein will be more fully described in, and will be fully superseded by the preliminary prospectus supplement, if applicable, and the Final Prospectus. Although the information contained in the material is based on sources the Underwriter(s) believe(s) to be reliable, the Underwriter(s) make(s) no representation or warranty that such information is accurate or complete. Such information should not be viewed as projections, forecasts, predictions, or opinions with respect to value. Prior to making any investment decision, a prospective investor shall receive and fully review the Final Prospectus. NOTHING HEREIN SHOULD BE CONSIDERED AN OFFER TO SELL OR SOLICITATION OF AN OFFER TO BUY ANY SECURITIES. The Underwriter(s) may hold long or short positions in or buy and sell Securities or related securities or perform for or solicit investment banking services from, any company mentioned herein.

fico

	Count	Balance	% of Balance	Gross Rate	Gross Margin	Gross Lifecap	Gross Lifefloor	Master & Sub Serv Fees	Sched Rem Term	Rem Amort	Orig Term	Initial Cap	Periodic Cap	Month to Next Adj	Provided LTV	Known FICOs	Avg Balance	LTV>80w/MI
500	11	1,880,419	0.19	8.613	6.704	14,513	8,613	0.502	357	356	360	2,000	1,000	21	68.59	500	170,947	0.00
501 - 510	164	22,540,950	2.25	9.018	6.736	14,996	8,996	0.502	356	356	358	2,000	1,000	21	69.21	506	137,445	0.00
511 - 520	218	28,022,852	2.80	8.907	6.691	14,822	8,822	0.502	356	356	357	2,000	1,000	22	70.31	516	128,545	0.00
521 - 530	512	67,654,538	6.77	8.856	6.526	14,771	8,771	0.502	356	356	358	2,000	1,000	23	75.05	526	132,138	0.00
531 - 540	532	72,807,920	7.28	8.857	6.509	14,789	8,789	0.502	354	354	355	2,000	1,000	23	74.38	535	136,857	0.00
541 - 550	460	66,403,074	6.64	8.683	6.476	14,598	8,598	0.502	355	355	356	2,000	1,000	23	75.55	546	144,355	0.00
551 - 560	400	60,658,073	6.07	8.259	6.182	14,153	8,153	0.502	356	356	358	2,000	1,000	23	79.09	555	151,645	0.00
561 - 570	396	58,795,116	5.88	8.092	6.136	14,023	8,023	0.502	355	355	357	2,000	1,000	23	80.29	565	148,473	0.00
571 - 580	364	53,389,740	5.34	8.204	6.160	14,117	8,117	0.502	354	354	355	2,000	1,000	22	79.77	575	146,675	0.00
581 - 590	344	52,635,312	5.26	7.963	6.119	13,844	7,844	0.502	354	354	355	2,000	1,000	23	80.16	586	153,010	0.00
591 - 600	329	51,543,028	5.15	7.819	6.082	13,676	7,676	0.502	353	353	355	2,000	1,000	23	81.04	596	158,666	0.00
601 - 610	358	61,032,312	6.10	7.467	6.032	13,317	7,317	0.502	354	354	355	2,000	1,000	23	81.77	606	170,481	0.00
611 - 620	375	61,648,029	6.16	7.537	5.986	13,345	7,345	0.502	352	352	354	2,000	1,000	23	81.40	615	164,395	0.00
621 - 630	278	48,004,117	4.80	7.274	5.809	13,247	7,247	0.502	351	351	353	2,000	1,000	23	82.14	625	172,677	0.00
631 - 640	310	52,459,606	5.25	7.409	5.798	13,247	7,247	0.502	351	351	353	2,000	1,000	23	82.14	635	169,225	0.00
641 - 650	255	41,283,526	4.13	7.385	5.614	13,258	7,258	0.502	350	350	352	2,000	1,000	22	80.11	645	161,896	0.00
651 - 660	231	36,632,238	3.66	6.937	5.478	12,753	6,753	0.502	348	348	350	2,000	1,000	22	79.38	656	158,581	0.00
661 - 670	177	31,824,760	3.18	6.862	5.259	12,657	6,657	0.502	346	345	348	2,000	1,000	22	79.38	665	179,801	0.00
671 - 680	164	27,819,998	2.78	6.736	5.299	12,640	6,640	0.502	343	343	345	2,000	1,000	23	80.93	676	169,634	0.00
681 - 690	109	20,588,950	2.06	6.694	5.116	12,731	6,731	0.502	344	344	346	2,000	1,000	23	80.99	685	188,889	0.00
691 - 700	101	16,995,975	1.70	6.912	5.085	13,051	7,051	0.502	344	344	345	2,000	1,000	23	81.25	696	168,277	0.00
701 - 710	84	16,843,343	1.68	6.790	4.985	13,258	7,258	0.502	342	341	343	2,000	1,000	22	80.23	706	200,516	0.00
711 - 720	63	10,638,755	1.06	6.453	4.797	12,621	6,621	0.502	337	337	339	2,000	1,000	23	79.07	715	168,869	0.00
721 - 730	58	9,951,044	1.00	6.616	4.782	12,832	6,832	0.502	343	343	345	2,000	1,000	23	81.51	725	171,570	0.00
731 - 740	33	6,111,455	0.61	6.456	4.750	12,601	6,601	0.502	342	342	343	2,000	1,000	23	79.18	735	185,196	0.00
741 - 750	29	5,280,931	0.53	6.646	4.750	12,828	6,828	0.502	334	334	336	2,000	1,000	22	72.83	746	182,101	0.00
751 - 760	35	6,066,153	0.61	6.633	4.750	12,717	6,717	0.502	347	347	349	2,000	1,000	23	80.91	756	173,319	0.00
761 - 770	26	3,315,660	0.33	6.310	4.662	12,432	6,432	0.502	344	344	347	2,000	1,000	23	76.74	764	127,525	0.00
771 - 780	21	3,561,945	0.36	6.471	5.048	12,885	6,885	0.502	352	352	354	2,000	1,000	23	72.73	777	169,616	0.00
781 - 790	12	1,810,762	0.18	6.073	4.750	11,600	5,600	0.502	345	345	347	2,000	1,000	23	69.01	785	150,897	0.00
791 - 800	6	1,125,855	0.11	6.206	0.000	0.000	0.000	0.502	359	358	360	0.000	0.000	0	65.00	795	187,943	0.00
801 - 810	2	673,596	0.07	5.500	0.000	0.000	0.000	0.502	286	286	289	0.000	0.000	0	40.69	808	336,798	0.00

	AMSI 2004-R4	Data
<u>Collateral Characteristics</u>	Pool Balance	\$ 1,000,000,030.33
	# of Loans	# 6457
	Avg Prin Balance	\$ 154,870.69
	WAC	% 7.834
	WA Net Rate	% 7.332
	WAM	# 351.947
	Seasoning	# 1.484
	Second Liens	% 0.000
	WA CLTV	% 78.665
	WA FICO	# 599
	Prepay Penalties	% 73.857
<u>Arm Characteristics</u>	WAC (Arms only)	% 7.898
	WAM (Arms only)	# 356.102
	WA Margin	% 6.092
	WA Initial Cap	% 2.000
	WA Periodic Cap	% 1.000
	WA Cap	% 6.000
	WA Months to Roll	# 23
<u>Loan Type</u>	Fixed	% 20.000
	Balloons	% 0.000
	2/28 Arms	% 80.000
	3/27 Arms	% 0.000
	Other Hybrid Arms	% 0.000
<u>Index</u>	1-Month LIBOR	% 0.000
	6-Month LIBOR	% 80.000
	Other Index	% 20.000
<u>Loan Purpose</u>	Purchase	% 0.361
	Cash-Out Refi	% 93.730
	Rate-Term Refi	% 5.909
	Debt Consolidation	% 0.000
<u>Occupancy Status</u>	Owner	% 95.24
	Second Home	% 0.958
	Investor	% 3.802
<u>Property Type</u>	Single Family	% 84.480
	2-4 Family	% 6.330
	PUD	% 4.879
	MH	% 1.192
	Condo	% 3.119
<u>Doc Type</u>	Full Doc	% 67.872
	Stated Doc	% 17.158
	Limited Doc	% 14.970
	No Doc	% 0.000
<u>MI Data</u>	MI Flag	Y/N N
	% of Pool Covered	% 0.000
	Effective LTV	% 0.000
<u>FICO Distribution</u>	FICO <460	% 0.000
	FICO 460-479	% 0.000
	FICO 480-499	% 0.000
	FICO 500-519	% 4.684
	FICO 520-539	% 13.987
	FICO 540-559	% 12.741
	FICO 560-579	% 11.219
	FICO 580-599	% 10.300
	FICO 600-619	% 12.419
	FICO 620-639	% 10.187
	FICO 640-659	% 7.865
	FICO 660-679	% 6.071
	FICO 680-699	% 3.901
	FICO 700-719	% 2.658
	FICO 720-739	% 1.750
	FICO 740-759	% 1.094
	FICO >760	% 1.124
<u>LTV Distribution</u>	LTV <20	% 0.092

Please populate column D (&E) with the corresponding pool characteristics in Column B.

- For values in currency format, omit \$.
- For values in percentage format, provide data to 3 decimal places and omit %.
- For WAC Net Rate, subtract servicing fee, trustee fee, and initial MI fee.
- For MI Flag, Y or N.

LTV 20.01-30	%	0.454
LTV 30.01-40	%	0.825
LTV 40.01-50	%	1.395
LTV 50.01-60	%	5.113
LTV 60.01-70	%	10.670
LTV 70.01-80	%	30.487
LTV 80.01-90	%	49.278
LTV 90.01-100	%	1.685
LTV >100	%	0.000

Data

Data

<u>Loan Balance Distribution</u>	\$ 0-25,000	# & %	0	0.000
	\$ 25,001-50,000	# & %	0	0.000
	\$ 50,001-75,000	# & %	1103	7.224
	\$ 75,001-100,000	# & %	1218	10.650
	\$ 100,001-150,000	# & %	1630	20.240
	\$ 150,001-200,000	# & %	1010	17.531
	\$ 200,001-250,000	# & %	575	12.863
	\$ 250,001-300,000	# & %	389	10.617
	\$ 300,001-350,000	# & %	224	7.260
	\$ 350,001-400,000	# & %	118	4.400
	\$ 400,001-450,000	# & %	74	3.138
	\$ 450,001-500,000	# & %	46	2.189
	\$ 500,001-550,000	# & %	33	1.730
	\$ 550,001-600,000	# & %	37	2.159
	\$ 600,001-650,000	# & %	0	0.000
	\$ 650,001-700,000	# & %	0	0.000
	\$ 700,001-750,000	# & %	0	0.000
	\$ 750,001-800,000	# & %	0	0.000
	\$ 800,001-850,000	# & %	0	0.000
	\$ 850,001-900,000	# & %	0	0.000
	\$ 900,001-950,000	# & %	0	0.000
	\$ 950,001-1,000,000	# & %	0	0.000
	> \$ 1,000,001	# & %	0	0.000

Geographic Distribution

AK	%	0.057
AL	%	1.342
AR	%	0.300
AZ	%	0.930
CA	%	21.691
CO	%	2.314
CT	%	2.128
DC	%	0.000
DE	%	0.499
FL	%	10.788
GA	%	2.322
HI	%	0.745
IA	%	0.300
ID	%	0.087
IL	%	3.892
IN	%	1.247
KS	%	0.507
KY	%	0.170
LA	%	0.789
MA	%	6.750
MD	%	3.280
ME	%	0.674
MI	%	4.124
MN	%	3.295
MO	%	1.178
MS	%	0.570
MT	%	0.056
NC	%	0.841
ND	%	0.037
NE	%	0.359
NH	%	0.690

NJ	%	0.554
NM	%	0.034
NV	%	0.833
NY	%	7.687
OH	%	2.984
OK	%	0.560
OR	%	0.270
PA	%	2.457
RI	%	2.196
SC	%	0.352
SD	%	0.012
TN	%	1.458
TX	%	3.732
UT	%	0.227
VA	%	0.000
VT	%	0.078
WA	%	2.735
WI	%	1.793
WV	%	0.000
WY	%	0.077

Balance	# of loans	WAC	WA FICO	WA LTV	Owner Occ %	Cashout Refi%
\$600,000-650,000	0	0.000	0	0.000	0.000	0.000
\$650,001-700,000	0	0.000	0	0.000	0.000	0.000
\$700,001-750,000	0	0.000	0	0.000	0.000	0.000
\$751,001-800,000	0	0.000	0	0.000	0.000	0.000
\$800,001-850,000	0	0.000	0	0.000	0.000	0.000
\$850,001-900,000	0	0.000	0	0.000	0.000	0.000
\$900,001-950,000	0	0.000	0	0.000	0.000	0.000
\$950,001-1,000,000	0	0.000	0	0.000	0.000	0.000
>\$1,000,000	0	0.000	0	0.000	0.000	0.000

Percentage by range

		Loans without MI							
		FICOs							
		<450	451-500	501-550	551-600	601-650	651-700	701-750	>750
LTVs	<20	0.000	0.000	0.019	0.020	0.009	0.035	0.009	0.000
	20-30	0.000	0.000	0.100	0.062	0.097	0.073	0.061	0.061
	30-40	0.000	0.000	0.262	0.153	0.185	0.106	0.068	0.051
	40-50	0.000	0.000	0.480	0.238	0.302	0.236	0.043	0.097
	50-60	0.000	0.047	2.212	0.955	0.708	0.794	0.265	0.131
	60-70	0.000	0.046	3.790	2.959	1.826	1.286	0.570	0.194
	70-80	0.000	0.096	11.447	8.443	6.621	2.590	1.071	0.220
	80-90	0.000	0.000	7.398	14.708	16.523	7.498	2.357	0.794
	90-100	0.000	0.000	0.035	0.165	0.172	0.767	0.438	0.108
	>100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

		Loans with MI							
		FICOs							
		<450	451-500	501-550	551-600	601-650	651-700	701-750	>750
LTVs	<20								
	20-30								
	30-40								
	40-50								
	50-60								
	60-70								
	70-80								
	80-90								
	90-100								
	>100								

Please provide a breakdown of percentages for each LTV category for loans that fall within the category breakdown by MI and loans without MI. Provide a loan count for each breakdown matrix below. The sum of the percentages for the with MI and without MI should equal the number of loans in the pool. If FICO is not available for default to <450 bucket, provide data for the "Loans without MI"

Loan Count

		Loans without MI							
		FICOs							
		<450	451-500	501-550	551-600	601-650	651-700	701-750	>750
LTVs	<20	0	0	3	3	1	5	1	0
	20-30	0	0	11	6	10	8	3	3
	30-40	0	0	24	15	17	11	6	2
	40-50	0	0	39	24	26	22	4	7
	50-60	0	3	168	69	51	48	16	8
	60-70	0	2	282	208	134	79	32	15
	70-80	0	6	847	582	407	157	59	18
	80-90	0	0	509	916	919	411	119	43
	90-100	0	0	3	10	11	41	27	6
	>100	0	0	0	0	0	0	0	0
#		0	11	1886	1833	1576	782	267	102

		Loans with MI							
		FICOs							
		<450	451-500	501-550	551-600	601-650	651-700	701-750	>750
LTVs	<20								
	20-30								
	30-40								
	40-50								
	50-60								
	60-70								
	70-80								
	80-90								
	90-100								
	>100								

breakdown of
each cell of the matrix for
the appropriate
down between loans with
out MI as well as the
ch breakdown in the
The sum of the
the with MI and without MI
uld equal 100%. The
in the matrices below
number of loans in the
not available for loan,
ucket. If deal does not
data for the entire pool in
ut MI" matrix.

Principal Balances

Schedule Principal Balance	Total Balance	WA Loan Balance	WA	% Covered by Mortgage Ins	WA FUTA	WALTA	WA DIT	% DER FUTA	% Owner Cos	% Full Dis	% Cashout Ref
0 - 1/4%	0	0	0	0%	0	0	0	0%	0%	0%	0%
1/4% - 3/4%	556,435,000	182,166	8,116	13%	0	27.8	38.6	81%	0%	31%	0%
3/4% - 1 1/4%	128,625,000	223,696	7,662	13%	0	28.8	39.3	85%	0%	32%	0%
1 1/4% - 1 3/4%	106,166,136	272,520	7,429	12%	0	29.6	40.5	85%	0%	33%	0%
1 3/4% - 2 1/4%	116,559,000	380,520	7,350	12%	0	30.4	41.8	85%	0%	34%	0%
2 1/4% - 2 3/4%	116,559,000	480,520	7,350	12%	0	31.2	43.0	85%	0%	35%	0%
2 3/4% - 3 1/4%	138,890,000	555,520	7,250	11%	0	32.0	44.2	85%	0%	36%	0%
3 1/4% - 3 3/4%	156,000,000	630,520	7,150	10%	0	32.8	45.4	85%	0%	37%	0%
3 3/4% - 4 1/4%	180,000,000	705,520	7,050	9%	0	33.6	46.6	85%	0%	38%	0%
4 1/4% - 4 3/4%	200,000,000	780,520	6,950	8%	0	34.4	47.8	85%	0%	39%	0%
4 3/4% - 5 1/4%	220,000,000	855,520	6,850	7%	0	35.2	49.0	85%	0%	40%	0%
5 1/4% - 5 3/4%	240,000,000	930,520	6,750	6%	0	36.0	50.2	85%	0%	41%	0%
5 3/4% - 6 1/4%	260,000,000	1,005,520	6,650	5%	0	36.8	51.4	85%	0%	42%	0%
6 1/4% - 6 3/4%	280,000,000	1,080,520	6,550	4%	0	37.6	52.6	85%	0%	43%	0%
6 3/4% - 7 1/4%	300,000,000	1,155,520	6,450	3%	0	38.4	53.8	85%	0%	44%	0%
7 1/4% - 7 3/4%	320,000,000	1,230,520	6,350	2%	0	39.2	55.0	85%	0%	45%	0%
7 3/4% - 8 1/4%	340,000,000	1,305,520	6,250	1%	0	40.0	56.2	85%	0%	46%	0%
8 1/4% - 8 3/4%	360,000,000	1,380,520	6,150	0%	0	40.8	57.4	85%	0%	47%	0%
8 3/4% - 9 1/4%	380,000,000	1,455,520	6,050	0%	0	41.6	58.6	85%	0%	48%	0%
9 1/4% - 9 3/4%	400,000,000	1,530,520	5,950	0%	0	42.4	59.8	85%	0%	49%	0%
9 3/4% - 10 1/4%	420,000,000	1,605,520	5,850	0%	0	43.2	61.0	85%	0%	50%	0%
10 1/4% - 10 3/4%	440,000,000	1,680,520	5,750	0%	0	44.0	62.2	85%	0%	51%	0%
10 3/4% - 11 1/4%	460,000,000	1,755,520	5,650	0%	0	44.8	63.4	85%	0%	52%	0%
11 1/4% - 11 3/4%	480,000,000	1,830,520	5,550	0%	0	45.6	64.6	85%	0%	53%	0%
11 3/4% - 12 1/4%	500,000,000	1,905,520	5,450	0%	0	46.4	65.8	85%	0%	54%	0%
12 1/4% - 12 3/4%	520,000,000	1,980,520	5,350	0%	0	47.2	67.0	85%	0%	55%	0%
12 3/4% - 13 1/4%	540,000,000	2,055,520	5,250	0%	0	48.0	68.2	85%	0%	56%	0%
13 1/4% - 13 3/4%	560,000,000	2,130,520	5,150	0%	0	48.8	69.4	85%	0%	57%	0%
13 3/4% - 14 1/4%	580,000,000	2,205,520	5,050	0%	0	49.6	70.6	85%	0%	58%	0%
14 1/4% - 14 3/4%	600,000,000	2,280,520	4,950	0%	0	50.4	71.8	85%	0%	59%	0%
14 3/4% - 15 1/4%	620,000,000	2,355,520	4,850	0%	0	51.2	73.0	85%	0%	60%	0%
15 1/4% - 15 3/4%	640,000,000	2,430,520	4,750	0%	0	52.0	74.2	85%	0%	61%	0%
15 3/4% - 16 1/4%	660,000,000	2,505,520	4,650	0%	0	52.8	75.4	85%	0%	62%	0%
16 1/4% - 16 3/4%	680,000,000	2,580,520	4,550	0%	0	53.6	76.6	85%	0%	63%	0%
16 3/4% - 17 1/4%	700,000,000	2,655,520	4,450	0%	0	54.4	77.8	85%	0%	64%	0%
17 1/4% - 17 3/4%	720,000,000	2,730,520	4,350	0%	0	55.2	79.0	85%	0%	65%	0%
17 3/4% - 18 1/4%	740,000,000	2,805,520	4,250	0%	0	56.0	80.2	85%	0%	66%	0%
18 1/4% - 18 3/4%	760,000,000	2,880,520	4,150	0%	0	56.8	81.4	85%	0%	67%	0%
18 3/4% - 19 1/4%	780,000,000	2,955,520	4,050	0%	0	57.6	82.6	85%	0%	68%	0%
19 1/4% - 19 3/4%	800,000,000	3,030,520	3,950	0%	0	58.4	83.8	85%	0%	69%	0%
19 3/4% - 20 1/4%	820,000,000	3,105,520	3,850	0%	0	59.2	85.0	85%	0%	70%	0%
20 1/4% - 20 3/4%	840,000,000	3,180,520	3,750	0%	0	60.0	86.2	85%	0%	71%	0%
20 3/4% - 21 1/4%	860,000,000	3,255,520	3,650	0%	0	60.8	87.4	85%	0%	72%	0%
21 1/4% - 21 3/4%	880,000,000	3,330,520	3,550	0%	0	61.6	88.6	85%	0%	73%	0%
21 3/4% - 22 1/4%	900,000,000	3,405,520	3,450	0%	0	62.4	89.8	85%	0%	74%	0%
22 1/4% - 22 3/4%	920,000,000	3,480,520	3,350	0%	0	63.2	91.0	85%	0%	75%	0%
22 3/4% - 23 1/4%	940,000,000	3,555,520	3,250	0%	0	64.0	92.2	85%	0%	76%	0%
23 1/4% - 23 3/4%	960,000,000	3,630,520	3,150	0%	0	64.8	93.4	85%	0%	77%	0%
23 3/4% - 24 1/4%	980,000,000	3,705,520	3,050	0%	0	65.6	94.6	85%	0%	78%	0%
24 1/4% - 24 3/4%	1,000,000,000	3,780,520	2,950	0%	0	66.4	95.8	85%	0%	79%	0%
24 3/4% - 25 1/4%	1,020,000,000	3,855,520	2,850	0%	0	67.2	97.0	85%	0%	80%	0%
25 1/4% - 25 3/4%	1,040,000,000	3,930,520	2,750	0%	0	68.0	98.2	85%	0%	81%	0%
25 3/4% - 26 1/4%	1,060,000,000	4,005,520	2,650	0%	0	68.8	99.4	85%	0%	82%	0%
26 1/4% - 26 3/4%	1,080,000,000	4,080,520	2,550	0%	0	69.6	100.6	85%	0%	83%	0%
26 3/4% - 27 1/4%	1,100,000,000	4,155,520	2,450	0%	0	70.4	101.8	85%	0%	84%	0%
27 1/4% - 27 3/4%	1,120,000,000	4,230,520	2,350	0%	0	71.2	103.0	85%	0%	85%	0%
27 3/4% - 28 1/4%	1,140,000,000	4,305,520	2,250	0%	0	72.0	104.2	85%	0%	86%	0%
28 1/4% - 28 3/4%	1,160,000,000	4,380,520	2,150	0%	0	72.8	105.4	85%	0%	87%	0%
28 3/4% - 29 1/4%	1,180,000,000	4,455,520	2,050	0%	0	73.6	106.6	85%	0%	88%	0%
29 1/4% - 29 3/4%	1,200,000,000	4,530,520	1,950	0%	0	74.4	107.8	85%	0%	89%	0%
29 3/4% - 30 1/4%	1,220,000,000	4,605,520	1,850	0%	0	75.2	109.0	85%	0%	90%	0%
30 1/4% - 30 3/4%	1,240,000,000	4,680,520	1,750	0%	0	76.0	110.2	85%	0%	91%	0%
30 3/4% - 31 1/4%	1,260,000,000	4,755,520	1,650	0%	0	76.8	111.4	85%	0%	92%	0%
31 1/4% - 31 3/4%	1,280,000,000	4,830,520	1,550	0%	0	77.6	112.6	85%	0%	93%	0%
31 3/4% - 32 1/4%	1,300,000,000	4,905,520	1,450	0%	0	78.4	113.8	85%	0%	94%	0%
32 1/4% - 32 3/4%	1,320,000,000	4,980,520	1,350	0%	0	79.2	115.0	85%	0%	95%	0%
32 3/4% - 33 1/4%	1,340,000,000	5,055,520	1,250	0%	0	80.0	116.2	85%	0%	96%	0%
33 1/4% - 33 3/4%	1,360,000,000	5,130,520	1,150	0%	0	80.8	117.4	85%	0%	97%	0%
33 3/4% - 34 1/4%	1,380,000,000	5,205,520	1,050	0%	0	81.6	118.6	85%	0%	98%	0%
34 1/4% - 34 3/4%	1,400,000,000	5,280,520	950	0%	0	82.4	119.8	85%	0%	99%	0%
34 3/4% - 35 1/4%	1,420,000,000	5,355,520	850	0%	0	83.2	121.0	85%	0%	100%	0%
35 1/4% - 35 3/4%	1,440,000,000	5,430,520	750	0%	0	84.0	122.2	85%	0%	100%	0%
35 3/4% - 36 1/4%	1,460,000,000	5,505,520	650	0%	0	84.8	123.4	85%	0%	100%	0%
36 1/4% - 36 3/4%	1,480,000,000	5,580,520	550	0%	0	85.6	124.6	85%	0%	100%	0%
36 3/4% - 37 1/4%	1,500,000,000	5,655,520	450	0%	0	86.4	125.8	85%	0%	100%	0%
37 1/4% - 37 3/4%	1,520,000,000	5,730,520	350	0%	0	87.2	127.0	85%	0%	100%	0%
37 3/4% - 38 1/4%	1,540,000,000	5,805,520	250	0%	0	88.0	128.2	85%	0%	100%	0%
38 1/4% - 38 3/4%	1,560,000,000	5,880,520	150	0%	0	88.8	129.4	85%	0%	100%	0%
38 3/4% - 39 1/4%	1,580,000,000	5,955,520	50	0%	0	89.6	130.6	85%	0%	100%	0%
39 1/4% - 39 3/4%	1,600,000,000	6,030,520	0	0%	0	90.4	131.8	85%	0%	100%	0%
39 3/4% - 40 1/4%	1,620,000,000	6,105,520	0	0%	0	91.2	133.0	85%	0%	100%	0%
40 1/4% - 40 3/4%	1,640,000,000	6,180,520	0	0%	0	92.0	134.2	85%	0%	100%	0%
40 3/4% - 41 1/4%	1,660,000,000	6,255,520	0	0%	0	92.8	135.4	85%	0%	100%	0%
41 1/4% - 41 3/4%	1,680,000,000	6,330,520	0	0%	0	93.6	136.6	85%	0%	100%	0%
41 3/4% - 42 1/4%	1,700,000,000	6,405,520	0	0%	0	94.4	137.8	85%	0%	100%	0%
42 1/4% - 42 3/4%	1,720,000,000	6,480,520	0	0%	0	95.2	139.0	85%	0%	100%	0%
42 3/4% - 43 1/4%	1,740,000,000	6,555,520	0	0%	0	96.0	140.2	85%	0%	100%	0%
43 1/4% - 43 3/4%	1,760,000,000	6,630,520	0	0%	0	96.8	141.4	85%	0%	100%	0%
43 3/4% - 44 1/4%	1,780,000,000	6,705,520	0	0%	0	97.6	142.6	85%	0%	100%	0%
44 1/4% - 44 3/4%	1,800,000,000	6,780,520	0	0%	0	98.4	143.8	85%	0%	100%	0%
44 3/4% - 45 1/4%	1,820,000,000	6,855,520	0	0%	0	99.2	145.0	85%	0%	100%	0%
45 1/4% - 45 3/4%	1,840,000,000	6,930,520	0	0%	0	100.0	146.2	85%	0%	100%	0%
45 3/4% - 46 1/4%	1,860,000,000	7,005,520	0	0%	0	100.0	147.4	85%	0%	100%	0%
46 1/4% - 46 3/4%	1,880,000,000	7,080,520	0	0%	0	100.0	148.6	85%	0%	100%	0%
46 3/4% - 47 1/4%	1,900,000,000	7,155,520	0	0%	0	100.0	149.8	85%	0%	100%	0%
47 1/4% - 47 3/4%	1,920,000,000	7,230,520	0	0%	0	100.0	151.0	85%	0%	100%	0%
47 3/4% - 48 1/4%	1,940,000,000	7,305,520	0	0%	0	100.0	152.2	85%	0%	100%	0%
48 1/4% - 48 3/4%	1,960,000,000	7,380,520	0	0%	0	100.0	153.4	85%	0%	100%	0%
48 3/4% - 49 1/4%	1,980,000,000	7,455,520	0	0%	0	100.0	154.6	85%	0%	100%	0%
49 1/4% - 49 3/4%	2,000,000,000	7,530,520	0	0%	0	100.0	155.8	85%	0%	100%	0%
49 3/4% - 50 1/4%	2,020,000,000	7,605,520	0	0%	0	100.0	157.0	85%	0%	100%	0%
50 1/4% - 50 3/4%	2,040,000,000	7,680,520	0	0%	0	100.0</					

Loan Project:

Loan Purpose	WA Loan Balance	WA FIC	WALN	WALN	WALN	% Covered by Mortgage Fin	% Debt/FUT	% Debt/FUT	% Debt/FUT
1st Mortgage	155,465	99%	78.54	78.54	78.54	99%	78.54	78.54	78.54
2nd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
3rd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
4th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
5th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
TOTAL	1,000,000.00	100%	78.84	78.84	78.84	100%	78.84	78.84	78.84

Fixed Assets:

Fixed Asset Type	WA Loan Balance	WA FIC	WALN	WALN	WALN	% Covered by Mortgage Fin	% Debt/FUT	% Debt/FUT	% Debt/FUT
Fixed	155,465	99%	78.54	78.54	78.54	99%	78.54	78.54	78.54
2nd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
3rd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
4th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
5th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
TOTAL	1,000,000.00	100%	78.84	78.84	78.84	100%	78.84	78.84	78.84

Loan Status:

Loan Status	WA Loan Balance	WA FIC	WALN	WALN	WALN	% Covered by Mortgage Fin	% Debt/FUT	% Debt/FUT	% Debt/FUT
1st Mortgage	155,465	99%	78.54	78.54	78.54	99%	78.54	78.54	78.54
2nd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
3rd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
4th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
5th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
TOTAL	1,000,000.00	100%	78.84	78.84	78.84	100%	78.84	78.84	78.84

Document Status:

Document Type	WA Loan Balance	WA FIC	WALN	WALN	WALN	% Covered by Mortgage Fin	% Debt/FUT	% Debt/FUT	% Debt/FUT
1st Mortgage	155,465	99%	78.54	78.54	78.54	99%	78.54	78.54	78.54
2nd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
3rd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
4th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
5th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
TOTAL	1,000,000.00	100%	78.84	78.84	78.84	100%	78.84	78.84	78.84

Prepayment Penalty:

Prepayment Penalty Type	WA Loan Balance	WA FIC	WALN	WALN	WALN	% Covered by Mortgage Fin	% Debt/FUT	% Debt/FUT	% Debt/FUT
1st Mortgage	155,465	99%	78.54	78.54	78.54	99%	78.54	78.54	78.54
2nd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
3rd Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
4th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
5th Mortgage	145,026	99%	77.78	77.78	77.78	99%	77.78	77.78	77.78
TOTAL	1,000,000.00	100%	78.84	78.84	78.84	100%	78.84	78.84	78.84

Please provide loan level data for the following attributes

<u>LOANID</u>	<u>FICO</u>	<u>LTV</u>	<u>WAC</u>	<u>DTI</u>	<u>Principal Balance</u>
71416028	502	65.000	11.150	30.00	60,125.00
72623705	529	75.000	8.650	49.00	116,181.72
73851669	519	75.000	9.650	55.00	105,699.61
74291642	607	52.381	6.300	41.00	274,741.57
74853144	533	69.375	7.300	49.00	110,914.26
71838569	539	73.636	7.990	45.00	202,363.84
72837081	729	85.000	6.600	16.00	577,487.55
73459760	635	77.978	6.300	42.00	215,797.01
73976185	718	84.268	5.750	46.00	134,699.06
74007261	516	73.333	7.750	55.00	230,836.96
74298563	642	39.130	5.850	33.00	179,815.60
74641606	529	84.177	8.750	54.00	132,923.47
72533524	661	81.967	8.500	27.00	99,939.41
74370925	583	74.500	6.550	39.00	446,599.82
71764146	653	35.229	7.500	49.00	124,794.67
67500249	573	80.896	6.990	48.00	171,217.45
68688241	543	73.469	12.200	45.00	179,900.96
69148427	531	80.000	7.990	27.00	158,293.50
69246601	575	80.000	7.990	50.00	91,938.14
69974947	631	87.895	6.990	28.00	83,431.42
70223029	559	83.256	6.990	42.00	178,852.99
70482344	535	67.000	10.990	37.00	63,627.25
70527387	611	80.000	6.990	37.00	231,809.45
64686702	526	70.588	11.050	22.00	59,602.31
70558986	734	77.717	5.650	40.00	169,936.59
74371303	523	75.000	9.650	49.00	103,450.67
73671828	569	82.500	7.750	30.00	164,883.54
74737024	567	60.913	8.300	43.00	140,011.57
74737628	523	80.000	9.150	39.00	195,896.23
74061086	587	87.712	8.990	34.00	103,443.35
73326787	589	61.856	9.600	26.00	59,849.83
70290762	581	80.000	7.250	44.00	83,868.54
71000442	655	89.999	8.500	32.00	77,149.23
66522087	563	80.000	8.750	40.00	80,706.68
68711423	544	78.889	7.650	20.00	141,897.73
71504146	635	51.316	6.750	49.00	97,416.05
75203323	588	78.166	6.500	44.00	178,838.17
74642109	612	75.000	8.750	7.00	194,887.81
71531347	617	82.500	6.400	50.00	164,088.95
74332529	616	89.901	10.750	33.00	67,400.61
74351081	587	80.000	10.500	49.00	84,766.30
73187460	681	90.000	8.500	48.00	74,654.75
71762504	638	81.944	6.990	22.00	103,165.19
72378169	509	80.000	9.550	17.00	266,270.33
69461028	520	51.176	8.150	39.00	86,943.38
69702082	517	75.000	8.500	39.00	72,517.10
64419708	616	80.000	9.500	42.00	59,910.74
71851265	567	89.848	9.150	48.00	148,171.52
71851620	510	67.234	9.650	36.00	157,924.70
70328406	612	74.163	7.750	50.00	154,890.60
70569546	614	90.000	9.100	41.00	154,717.18
74181561	631	82.303	6.300	50.00	146,362.33
67997486	549	85.000	6.950	44.00	203,661.26
70934583	547	75.000	10.250	44.00	60,606.76
71142848	521	67.778	8.150	43.00	152,400.75
73039828	561	85.000	8.750	43.00	78,155.01
73040768	638	90.000	7.750	24.00	76,625.88
71275762	526	85.000	8.600	42.00	90,046.53
71966600	580	70.000	9.700	46.00	349,834.97
72018989	583	87.097	8.990	8.00	134,926.11
73734345	539	77.500	7.400	48.00	185,859.17
74144445	693	95.000	7.990	36.00	85,442.51
72098361	561	78.679	6.990	52.00	416,657.51
72965841	628	84.194	6.990	47.00	130,392.81
72204423	549	85.000	9.450	39.00	382,309.86
72206642	619	84.545	7.990	42.00	92,937.47

72622822	609	84.444	9.300	47.00	75,961.01
71294201	601	88.867	6.990	44.00	227,313.15
73879785	580	85.000	7.500	22.00	72,031.79
73881302	666	89.985	5.990	44.00	192,407.90
72286966	541	74.894	7.500	31.00	175,869.38
72291388	526	79.467	8.250	40.00	119,123.99
71539829	687	90.000	8.750	43.00	60,230.34
74855248	618	90.000	7.500	41.00	202,349.72
72854466	541	75.000	9.250	35.00	86,205.28
71705503	527	84.615	8.800	25.00	131,924.83
74638784	747	55.877	5.400	36.00	202,274.15
72377468	557	90.000	9.990	42.00	78,265.29
74639063	568	56.790	6.500	42.00	229,792.07
67101907	528	78.710	8.750	54.00	121,929.80
72446305	555	90.000	9.450	33.00	64,767.78
71708382	628	90.000	7.900	30.00	67,453.78
69116127	658	77.922	6.900	33.00	599,498.39
72639008	686	94.286	7.700	36.00	164,882.36
71928725	711	90.000	7.200	40.00	188,851.09
71873566	556	79.971	9.400	50.00	135,882.70
71876841	560	80.000	9.990	48.00	83,962.76
72663800	586	74.667	7.750	37.00	167,881.42
71932669	556	75.342	6.350	45.00	274,744.06
71937304	615	63.000	6.990	31.00	346,215.41
71994222	599	83.871	7.100	49.00	129,895.52
71801807	529	74.545	8.050	37.00	122,918.30
72281405	663	50.576	6.300	40.00	85,419.65
72024367	694	33.333	7.900	18.00	59,958.91
72286826	548	57.143	8.850	42.00	159,909.83
73072969	540	73.043	7.500	36.00	167,875.31
71645980	645	80.000	10.700	44.00	219,916.27
71593669	546	78.947	10.990	45.00	74,834.90
72038060	520	75.000	12.200	27.00	86,976.19
73003766	627	75.000	7.950	42.00	80,764.88
73151565	596	81.818	7.250	20.00	269,789.37
73001182	548	83.212	10.990	50.00	113,959.26
71666184	563	60.000	10.450	27.00	59,975.89
73086001	632	90.000	8.100	48.00	152,899.40
72788565	608	90.000	8.300	40.00	87,424.78
70581624	542	70.000	8.250	33.00	342,781.28
72680366	598	69.508	6.750	35.00	211,817.47
74318668	526	75.000	7.990	48.00	152,897.13
70762323	627	87.059	8.200	44.00	73,952.33
73027146	567	90.000	8.990	49.00	130,428.56
73734865	641	84.903	6.250	34.00	261,251.87
74664004	573	71.111	6.990	46.00	319,737.18
71844583	606	84.889	7.990	27.00	190,871.58
70204284	556	78.832	8.990	39.00	107,940.88
73182503	628	90.000	8.150	40.00	143,906.28
72418262	665	90.000	7.350	30.00	195,839.10
74039561	576	89.756	9.250	31.00	73,561.84
74642463	634	90.000	7.990	44.00	157,394.10
73242125	559	53.333	9.050	34.00	119,935.13
75272823	637	90.000	6.150	44.00	229,278.01
72628480	584	75.000	9.450	45.00	63,718.30
73341141	500	75.000	7.750	12.00	94,058.56
71306203	566	90.000	9.600	44.00	251,878.63
71096549	541	71.610	9.700	34.00	126,690.23
71202329	513	75.000	7.350	31.00	157,379.55
71338586	581	85.000	7.650	47.00	158,835.53
73378382	558	90.000	10.200	12.00	96,259.18
73386286	548	85.000	8.650	48.00	288,830.25
71403406	543	45.455	8.900	38.00	59,966.53
71906226	567	80.000	11.990	40.00	73,578.89
69185387	532	75.000	7.500	46.00	85,937.49
71548580	553	90.000	8.990	44.00	221,278.81
69959666	677	85.000	7.990	39.00	399,231.39
73599003	548	75.990	8.990	23.00	62,277.89
72315724	561	83.333	7.700	39.00	174,875.23
73664062	564	75.000	8.950	44.00	172,404.78

71877088	669	84.870	7.200	48.00	487,615.51
73687782	611	63.984	9.950	44.00	204,658.45
71891683	550	89.315	7.450	48.00	325,755.63
72497282	590	85.000	8.450	49.00	68,043.32
72524721	606	90.000	6.950	26.00	206,828.64
70354121	567	86.786	8.650	47.00	121,428.63
70632500	571	85.000	8.600	32.00	61,163.68
72292469	503	74.096	9.250	21.00	61,468.11
72553381	597	80.000	7.050	38.00	111,909.09
72620024	530	77.037	8.300	54.00	103,934.35
72620966	638	90.000	7.450	30.00	104,321.74
72701287	580	62.500	7.500	8.00	74,944.33
72629546	529	75.541	7.990	40.00	139,656.03
72742406	655	80.233	6.400	39.00	344,682.00
72742844	613	38.125	9.750	47.00	60,917.03
70319447	520	77.500	8.750	53.00	193,638.52
69959823	508	75.000	10.250	53.00	59,974.83
72765662	521	75.000	7.750	44.00	254,820.02
70720149	628	79.000	9.450	26.00	63,168.58
71495881	603	90.000	8.900	49.00	112,437.26
71900682	762	86.747	6.650	47.00	71,936.78
72048960	706	85.000	7.990	22.00	317,686.25
72274285	555	80.000	11.300	31.00	63,863.14
71188908	578	73.983	7.500	38.00	87,235.21
70552781	566	90.000	8.650	50.00	107,936.56
72895709	616	89.333	8.500	50.00	120,526.94
72489024	594	75.347	7.500	55.00	108,419.48
71295067	649	90.000	7.900	40.00	100,730.98
71295828	695	80.000	7.650	46.00	107,922.22
71412761	625	89.776	6.600	42.00	143,872.33
72813983	572	90.000	8.150	43.00	287,812.56
72896640	570	90.000	9.150	46.00	103,445.21
72948524	539	85.000	11.750	51.00	76,476.86
71134068	527	79.146	8.900	36.00	157,412.16
71204440	534	76.753	7.700	45.00	325,967.44
71314728	543	84.211	9.990	33.00	159,929.06
71413082	524	50.000	6.990	34.00	144,880.91
72970189	704	88.462	6.500	34.00	206,812.86
71501589	508	74.747	8.950	43.00	295,836.62
72971328	641	84.481	7.500	48.00	134,899.81
71475164	578	75.000	7.990	54.00	288,555.85
73007809	599	72.571	6.750	48.00	253,781.31
71657043	543	85.000	8.750	26.00	93,446.20
71688907	532	82.524	9.750	31.00	84,960.34
71715924	622	90.000	6.150	32.00	314,695.31
73165904	669	85.000	6.300	18.00	191,070.27
71690382	520	66.000	8.300	43.00	131,916.68
73075129	585	74.956	8.450	22.00	84,947.97
73165847	636	90.000	8.600	45.00	247,353.12
73294944	506	79.730	9.100	36.00	88,452.66
73298663	559	79.608	9.900	48.00	405,816.52
71531701	590	87.500	8.990	45.00	255,360.14
73408445	620	90.000	5.950	36.00	323,674.35
73411282	667	83.864	7.100	42.00	134,075.16
73461428	502	75.000	8.400	38.00	172,393.33
71759401	580	80.000	7.700	49.00	179,871.67
73509564	555	80.000	8.450	28.00	115,928.99
73166027	620	80.000	8.250	33.00	71,954.08
71630602	620	90.000	7.250	49.00	476,627.89
71795744	537	73.846	7.600	22.00	143,895.25
73119208	573	91.667	6.950	47.00	247,295.11
73583460	582	82.857	6.850	42.00	86,926.55
71682827	598	73.874	6.990	41.00	163,865.30
73627465	530	55.217	8.900	16.00	63,464.58
73636201	614	53.571	8.500	44.00	59,963.65
71897763	525	75.000	8.950	53.00	71,210.67
72848468	703	65.217	8.600	20.00	59,905.50
71946263	533	75.000	9.950	52.00	82,390.64
71986160	544	64.762	7.600	35.00	135,901.06
71775860	617	70.455	7.200	29.00	77,438.93

73336745	667	60.142	6.300	45.00	101,904.14
71986525	530	75.000	10.250	32.00	86,213.83
73665408	610	49.180	7.990	30.00	59,959.65
73665804	525	78.957	7.990	46.00	181,477.89
71845945	538	75.000	8.650	20.00	86,199.34
72028707	661	88.235	8.250	25.00	89,942.61
65642324	520	75.000	9.990	25.00	86,096.12
73716268	578	84.000	8.100	19.00	83,944.77
71986723	522	75.000	10.250	44.00	65,972.32
73453680	589	72.917	10.400	50.00	69,971.58
73492100	528	85.000	11.500	25.00	84,972.83
72045503	586	69.615	8.500	48.00	180,890.34
72163660	656	80.556	6.900	48.00	144,878.77
69345882	532	75.000	8.150	16.00	130,875.72
69524742	579	70.000	10.400	34.00	69,971.58
73754947	532	79.866	7.750	31.00	118,916.00
73758088	644	57.542	6.400	30.00	139,870.96
72406184	524	56.727	7.990	25.00	155,895.11
72444862	526	80.000	10.750	49.00	59,977.41
73495483	590	80.952	8.600	48.00	84,949.56
70577408	528	75.000	9.500	41.00	155,923.26
72408800	604	81.364	7.250	35.00	447,150.91
73838088	758	67.619	5.900	42.00	141,855.91
72485808	554	66.062	7.600	37.00	127,407.25
68372861	570	75.000	7.350	37.00	213,586.54
73402406	635	90.000	6.500	44.00	133,079.58
72056468	514	75.000	8.250	42.00	224,856.53
73620643	564	52.910	6.800	47.00	99,914.74
69795300	602	75.000	8.200	50.00	449,710.10
73424301	642	50.000	7.500	36.00	134,756.19
73424368	527	70.588	9.250	42.00	59,968.89
73424723	556	69.441	7.950	39.00	111,724.22
72158421	531	84.952	10.200	13.00	267,486.57
72244627	522	85.000	8.750	21.00	208,130.18
68299387	606	74.742	8.900	38.00	144,837.65
71270789	710	78.369	5.990	41.00	110,389.78
73075962	530	41.887	9.990	52.00	110,950.79
73908063	532	85.000	10.550	52.00	127,449.87
73952665	527	85.000	8.850	37.00	112,986.28
71439608	552	57.500	10.800	23.00	160,940.04
73426546	748	87.805	11.150	43.00	179,937.88
73427320	579	90.000	7.990	33.00	105,229.19
72296668	562	90.000	8.850	50.00	256,355.45
73477820	542	75.000	8.990	22.00	92,949.10
73919540	622	73.156	8.990	51.00	89,201.14
73518268	591	80.000	7.990	48.00	99,932.76
73610800	678	85.000	8.500	46.00	95,550.07
72354962	653	57.881	6.750	40.00	106,655.02
72357445	533	84.990	9.500	51.00	191,132.93
72360944	538	68.211	7.250	54.00	323,747.24
71580948	697	62.469	5.990	33.00	126,816.45
71582845	576	85.000	8.990	36.00	114,687.19
71624621	594	84.800	8.990	20.00	105,941.98
73657728	601	90.000	7.990	49.00	224,848.72
70796982	659	90.000	5.950	16.00	148,350.74
72362882	538	75.625	8.400	55.00	120,925.17
73725004	547	85.000	8.350	39.00	140,162.38
74184367	571	90.000	9.300	47.00	107,944.59
71315881	520	75.000	9.400	53.00	179,909.57
68761204	677	85.000	7.850	42.00	67,857.97
68797646	595	13.587	9.100	28.00	62,073.00
73847600	583	66.942	7.850	53.00	80,943.97
73851404	614	85.806	7.600	30.00	132,903.25
73852766	583	43.062	8.100	47.00	89,940.82
73853707	627	83.333	6.700	47.00	59,947.83
71652689	587	32.692	6.700	48.00	169,852.19
74551268	629	79.470	7.350	42.00	83,935.76
73959728	689	84.185	7.500	31.00	263,304.44
70229828	532	85.000	9.800	51.00	195,409.75
70231121	552	89.151	7.750	36.00	188,866.61

73856007	585	66.667	7.990	49.00	83,943.52
71713564	534	72.289	8.050	37.00	59,960.14
71808901	525	85.000	9.250	25.00	97,699.32
74021460	706	84.222	6.900	44.00	189,341.58
74097429	584	67.317	9.500	52.00	137,932.12
71902829	522	46.875	7.750	49.00	149,894.13
71505903	685	90.000	7.250	37.00	395,691.08
71903322	595	75.000	8.800	36.00	599,658.35
74185745	537	85.000	10.300	36.00	127,447.10
68023860	538	70.745	7.400	55.00	103,209.79
73987448	587	45.455	8.990	28.00	59,967.15
72168966	659	89.339	8.650	44.00	133,921.29
72172828	536	75.152	9.990	36.00	123,945.02
70969340	664	90.000	7.050	39.00	247,299.11
72300262	548	73.950	7.600	54.00	87,843.01
71753586	591	90.000	10.800	44.00	89,966.48
71768469	527	68.824	7.550	46.00	116,914.03
71312383	612	82.000	7.250	46.00	143,275.42
70293964	605	90.000	6.990	40.00	134,889.12
72493547	561	90.000	8.350	25.00	80,949.40
71083422	579	86.400	8.550	35.00	194,284.44
71099048	689	95.000	9.250	48.00	66,465.52
74377748	665	39.144	6.500	20.00	112,498.21
72502420	631	90.000	6.400	36.00	287,734.54
73002347	703	85.929	7.250	20.00	97,776.59
73003105	578	75.893	8.250	26.00	106,182.24
73005027	618	83.951	8.990	50.00	339,813.89
72591886	547	75.137	7.250	36.00	274,785.47
74069709	528	75.000	8.250	47.00	61,460.78
71391403	583	76.148	9.800	5.00	513,762.73
74739020	635	90.000	7.990	25.00	105,229.19
74739186	617	78.846	9.050	46.00	204,889.18
74087487	674	70.000	6.250	46.00	174,833.95
67884585	679	58.594	7.650	47.00	59,869.54
69160703	629	87.353	7.400	47.00	148,272.61
73350746	693	90.000	5.990	49.00	472,028.72
74522129	648	90.000	6.750	41.00	124,093.07
68446301	528	75.000	8.750	50.00	114,617.48
74419102	747	59.701	5.650	36.00	199,291.54
71437925	551	59.322	7.950	48.00	69,952.55
72760127	555	61.556	7.950	46.00	138,406.11
73706269	662	71.910	5.550	40.00	255,722.41
73761280	519	57.826	8.750	42.00	132,923.47
72665565	655	88.649	7.750	45.00	163,884.25
72689649	640	80.000	6.500	49.00	117,493.68
72763923	530	75.000	9.990	49.00	104,953.45
71436646	634	89.474	7.750	41.00	84,940.00
73211864	548	75.000	9.500	14.00	178,412.20
71589600	553	69.767	8.400	25.00	59,903.09
73723645	557	86.538	7.990	49.00	224,848.72
71666960	548	80.000	12.350	24.00	59,984.12
74217829	570	90.000	6.850	35.00	161,863.23
74220088	528	71.168	7.250	55.00	194,847.88
72767965	528	75.000	9.200	41.00	138,677.31
74664400	629	72.826	6.850	33.00	334,717.17
72439060	577	90.000	7.450	47.00	196,052.93
73043101	595	55.000	9.400	55.00	137,430.92
69657047	629	70.000	7.250	43.00	83,868.54
70921481	590	77.273	9.550	45.00	67,966.90
72704489	564	85.000	9.100	48.00	246,368.13
72727985	648	85.000	7.250	44.00	80,687.00
74901646	585	80.000	8.990	40.00	99,945.26
74902461	533	73.256	7.450	39.00	157,381.93
70716667	550	69.041	7.100	39.00	251,797.47
65224925	661	77.910	6.550	22.00	260,057.66
72847866	554	80.000	9.990	48.00	77,565.59
73881609	559	70.423	7.100	18.00	74,939.72
73882680	521	72.833	7.100	43.00	436,648.80
71741581	590	87.501	7.300	23.00	174,866.83
73175747	617	87.857	9.100	43.00	122,934.20

71580203	628	90.000	7.900	40.00	107,926.05
72247869	579	85.000	10.950	54.00	96,015.38
72069008	530	74.074	8.750	19.00	59,965.47
71649727	534	81.481	7.990	31.00	87,940.83
72317324	527	85.000	9.250	47.00	131,681.69
71848105	654	89.987	7.750	27.00	67,352.42
66955402	595	57.143	7.990	35.00	119,919.31
72827041	653	90.000	7.550	16.00	542,301.25
74704123	628	86.197	6.350	34.00	305,715.20
65669863	525	85.000	10.800	20.00	120,563.91
72055684	582	75.000	8.750	50.00	63,713.31
72347024	661	68.182	6.600	40.00	59,946.80
73883266	558	90.000	8.990	48.00	143,021.67
74904582	561	90.000	8.250	33.00	241,046.19
66100884	511	73.248	8.750	47.00	114,866.37
72641301	668	86.121	5.850	47.00	99,797.65
72654908	625	81.967	6.650	43.00	499,560.01
71753347	527	85.000	10.900	36.00	114,708.18
70858188	532	70.000	8.900	39.00	132,925.82
72703465	598	69.271	8.990	49.00	66,400.30
73094500	571	90.000	8.150	26.00	67,456.07
74220526	657	90.000	7.990	49.00	69,253.40
69336907	546	85.000	11.100	50.00	128,305.22
74352642	587	65.185	6.100	15.00	175,828.11
71582381	640	90.000	6.990	44.00	269,778.24
71576045	649	71.586	7.350	35.00	257,512.91
69450260	564	89.971	9.200	49.00	157,367.51
74742560	733	93.750	6.200	39.00	89,913.77
71691208	529	85.000	8.750	48.00	203,882.63
71727986	574	85.000	8.500	45.00	73,055.71
71795843	580	90.000	7.250	53.00	314,754.27
70422225	566	56.034	6.950	42.00	64,946.19
70484506	524	75.000	10.750	39.00	61,476.84
70627922	527	85.000	8.700	54.00	80,703.06
72264682	571	90.000	7.250	47.00	130,398.19
70722020	671	76.235	6.050	21.00	323,680.52
71130108	563	90.000	8.450	31.00	188,884.32
71295786	660	80.000	8.850	12.00	67,961.67
71344188	606	85.000	8.990	44.00	262,100.82
71400824	562	73.559	7.450	46.00	216,837.33
72575582	595	90.000	9.150	49.00	80,957.12
72666548	539	85.000	10.800	39.00	152,899.49
71447742	721	95.000	6.450	49.00	123,387.26
63909709	616	89.939	7.990	37.00	147,996.86
72708563	564	90.000	8.990	44.00	92,649.26
72271927	620	73.837	11.990	28.00	63,481.78
72768609	588	82.000	6.900	38.00	409,657.23
71522304	545	80.000	9.200	41.00	140,726.24
72870306	636	90.000	7.600	36.00	121,411.61
72871304	541	84.483	8.990	31.00	244,865.89
72871643	601	80.000	6.550	25.00	107,903.31
68460385	554	90.000	6.990	29.00	258,087.85
72335482	676	68.182	6.500	47.00	59,877.65
72339823	630	86.770	7.850	37.00	65,830.93
70802103	645	82.000	7.990	40.00	81,944.86
72872385	638	80.000	7.750	31.00	64,754.26
72872864	662	95.000	7.650	38.00	104,424.74
72915960	516	39.216	9.750	27.00	99,953.34
73051740	502	68.382	8.500	53.00	464,718.30
72343841	554	84.848	9.800	49.00	139,935.36
71516447	569	73.263	8.350	50.00	69,556.51
68074145	580	73.661	8.950	48.00	206,136.16
71775621	534	60.000	9.900	55.00	59,972.88
71916860	564	74.341	7.250	33.00	152,281.11
72049323	582	69.000	7.200	40.00	344,728.18
73075681	625	82.553	6.800	32.00	193,834.59
73128423	523	72.727	9.900	54.00	79,963.84
72490782	605	75.000	7.450	53.00	149,887.55
69553147	547	75.000	9.400	49.00	92,203.66
70127162	609	76.433	7.250	48.00	59,953.19

70199708	576	27.333	7.700	30.00	122,912.30
72660509	611	67.416	9.250	46.00	59,968.89
72750862	529	70.290	7.800	45.00	96,932.22
72817281	610	83.846	6.700	41.00	108,905.22
72632029	538	47.625	8.400	23.00	76,076.93
72835440	730	66.786	5.750	46.00	197,793.27
70867866	626	83.768	6.990	32.00	288,762.64
71601264	620	90.000	7.990	39.00	326,480.34
69621787	631	89.379	8.250	33.00	129,427.41
71797781	532	85.000	10.250	55.00	67,971.48
69861664	601	84.558	5.950	29.00	181,617.28
73105645	543	75.000	8.500	14.00	67,459.11
71654404	542	85.000	8.990	26.00	74,759.06
71797989	730	90.000	5.600	44.00	350,622.98
71833180	566	78.500	7.750	48.00	156,889.19
73194540	531	67.568	8.990	48.00	249,863.16
71990683	635	71.765	8.500	31.00	60,963.04
73252082	591	74.750	9.500	21.00	74,713.23
73412462	554	80.000	9.600	26.00	59,971.10
73465866	656	62.340	6.650	38.00	95,416.15
73510505	767	70.000	8.750	14.00	76,955.70
73539983	633	89.466	8.350	27.00	196,505.11
73665986	588	85.000	7.990	42.00	60,309.42
73758526	609	73.611	5.900	50.00	264,731.10
70514203	591	80.000	12.450	48.00	115,969.97
70803705	529	85.000	10.990	35.00	68,825.39
72109903	596	76.429	7.550	41.00	80,191.04
72110349	528	80.693	9.250	54.00	162,915.49
73364465	614	82.411	8.200	32.00	104,594.57
71822621	561	85.000	7.450	49.00	117,212.07
70852306	552	84.556	8.500	55.00	76,053.89
72127442	527	80.000	8.990	36.00	59,967.15
73883225	701	85.714	6.500	25.00	59,945.75
73922205	590	86.724	7.650	36.00	125,659.44
72332448	624	86.192	7.750	19.00	205,391.39
74022583	564	81.000	7.990	48.00	72,850.98
74100926	514	75.000	9.990	52.00	63,721.73
73403909	575	51.364	7.100	49.00	282,272.96
73456667	513	75.000	9.990	51.00	88,460.76
70955745	596	84.375	6.400	40.00	242,550.85
71053383	765	95.000	6.350	40.00	132,876.21
71070163	623	90.000	8.850	13.00	63,728.83
70566807	531	84.948	8.900	30.00	82,354.04
74153040	555	85.000	10.300	53.00	69,671.08
73461204	578	89.950	8.950	44.00	89,900.35
73461527	568	84.615	6.990	36.00	164,864.48
74187667	608	80.189	6.750	35.00	212,317.03
72358120	530	36.630	8.990	28.00	99,945.26
72378342	612	85.987	6.900	34.00	134,887.13
71129001	528	85.000	9.990	43.00	74,766.83
73528861	553	74.250	10.150	36.00	74,218.18
71906168	554	85.000	8.500	41.00	148,659.89
74239104	538	85.000	8.800	36.00	297,500.00
74282849	581	76.316	6.350	45.00	217,297.57
74305988	594	90.000	8.500	44.00	157,404.59
74330762	724	89.825	5.900	41.00	255,740.24
71908602	579	61.697	8.200	21.00	101,734.41
73530040	576	62.360	8.990	39.00	110,939.24
73612103	546	65.865	7.950	55.00	136,907.14
72553860	535	75.000	9.250	25.00	134,930.01
74407685	505	60.000	9.300	29.00	104,946.13
74474503	564	70.588	6.900	14.00	59,949.83
74501503	651	89.362	6.250	40.00	209,800.74
71181341	521	75.893	10.200	33.00	63,722.98
71196109	512	75.000	8.450	42.00	106,434.81
73613127	521	75.000	11.250	40.00	104,964.55
73615148	534	85.000	9.800	47.00	165,673.49
73615247	596	80.000	8.500	55.00	91,944.26
73652141	517	74.886	7.990	49.00	327,779.46
74577669	528	56.034	8.750	53.00	64,962.60

74600842	616	82.264	6.150	27.00	267,920.59
71600381	512	54.648	9.750	44.00	85,211.22
71601462	546	85.000	8.990	35.00	169,813.19
74665407	531	85.000	10.900	55.00	73,923.04
73714107	590	85.000	8.750	39.00	101,941.31
73750481	649	68.729	7.050	44.00	59,951.30
74719287	541	72.043	10.100	41.00	66,912.91
74757741	502	75.000	10.750	54.00	59,977.41
71721286	549	85.000	8.990	30.00	161,411.59
74785445	718	28.270	6.950	29.00	99,917.22
74828724	567	85.000	8.200	38.00	95,988.12
72708886	603	82.949	7.990	48.00	89,905.21
72076649	504	58.824	8.500	44.00	99,939.41
74908922	648	89.041	6.990	42.00	64,946.61
71723407	546	69.853	10.050	37.00	71,218.81
68182385	589	89.011	9.700	43.00	77,329.56
71742282	564	65.000	8.990	52.00	97,446.63
71776405	536	74.462	7.300	48.00	241,813.08
71803282	521	75.000	7.750	44.00	172,378.24
75058669	619	89.880	7.750	40.00	372,736.74
72133424	637	90.000	6.900	48.00	107,909.71
72190747	530	60.833	7.990	53.00	291,803.67
64691801	560	85.000	11.050	51.00	224,663.05
71927503	687	68.966	6.100	23.00	99,902.33
71930242	652	80.000	6.900	45.00	259,782.63
71977540	528	67.895	8.990	35.00	64,464.69
72317225	526	73.764	9.250	44.00	103,215.46
75133108	557	78.222	7.150	23.00	175,859.95
73753204	519	59.441	10.100	36.00	84,889.51
75192146	641	80.000	5.650	47.00	151,838.27
73754780	564	89.583	6.990	40.00	214,823.42
72326408	639	90.000	9.100	27.00	112,439.82
73820185	664	56.162	5.650	15.00	277,704.20
72746845	619	87.500	7.250	23.00	132,896.24
71776165	668	90.000	6.950	41.00	139,474.44
72038862	544	84.106	8.500	53.00	180,718.45
64832520	545	85.000	11.050	49.00	131,561.53
72474380	540	79.833	7.990	30.00	95,735.59
71943864	609	67.007	7.300	45.00	98,423.92
72926264	585	90.000	8.450	48.00	87,246.56
72987365	557	80.000	6.990	34.00	223,816.02
73912560	544	72.115	8.990	45.00	93,698.68
72111586	778	79.805	5.990	35.00	176,823.46
73116824	579	83.729	9.150	31.00	98,747.69
72680408	545	61.356	7.500	32.00	180,865.67
72249907	667	82.500	6.750	28.00	255,529.80
73919649	593	90.000	6.850	51.00	247,291.04
73227308	508	56.716	7.500	37.00	189,858.99
72251820	529	83.607	10.850	35.00	101,962.42
73985541	508	46.011	7.990	23.00	172,883.68
72449945	548	75.190	7.450	39.00	296,777.37
72849201	582	90.000	8.500	49.00	310,311.90
73254088	522	85.000	8.650	43.00	139,318.12
74051186	533	79.130	8.990	43.00	90,950.18
64983729	716	95.000	7.700	40.00	101,357.29
72428329	617	90.000	10.550	47.00	89,964.61
73330821	550	71.300	7.990	24.00	71,252.06
74303785	609	75.000	9.250	54.00	134,930.01
73270548	711	95.000	6.990	47.00	123,398.57
73331043	596	71.687	6.900	31.00	178,350.77
68605146	676	90.000	6.300	50.00	105,101.58
73472300	614	93.000	7.700	38.00	111,520.43
73505265	628	68.478	5.850	26.00	314,677.31
73605180	513	75.000	11.050	46.00	85,469.84
73890568	538	69.231	7.500	29.00	143,893.13
73965485	553	90.000	7.750	38.00	79,593.78
74105529	527	85.000	12.450	35.00	114,720.30
65717167	535	85.000	8.250	44.00	131,410.44
71997209	542	85.000	9.750	26.00	110,448.44
68437623	536	73.091	9.500	32.00	100,450.57

68438787	612	57.500	6.990	31.00	91,924.43
75219865	512	70.000	8.750	32.00	118,931.53
72115181	726	88.339	5.550	44.00	249,728.92
72216229	534	76.433	9.750	45.00	59,972.00
72415748	569	86.471	8.250	20.00	146,906.26
65764243	616	70.851	7.990	48.00	166,161.92
74360348	583	67.474	7.400	45.00	272,793.30
74360520	605	85.000	7.500	47.00	288,785.52
74408329	546	85.000	8.750	25.00	112,135.45
74412966	633	61.475	7.200	29.00	74,940.90
74442146	633	72.258	7.950	44.00	223,848.16
74476102	556	84.810	9.990	43.00	66,970.30
74476664	647	90.000	7.800	19.00	575,597.54
73960882	598	76.286	8.990	31.00	266,853.85
74502147	611	68.075	6.200	36.00	272,039.12
72695646	537	77.778	9.500	44.00	69,965.57
72709488	612	84.586	9.600	34.00	112,445.82
74543208	614	85.385	6.990	33.00	554,544.17
65347569	699	77.500	7.900	46.00	92,807.70
72794787	538	75.000	8.200	45.00	262,330.89
74577685	625	65.889	5.750	38.00	112,748.10
74601469	616	57.479	5.990	49.00	160,839.41
72805849	617	90.000	7.500	28.00	157,383.11
72832520	569	85.000	7.990	49.00	186,874.27
74643289	666	89.815	6.750	41.00	96,916.48
72854342	566	82.645	8.750	44.00	99,942.46
70446802	521	85.000	10.500	38.00	61,175.67
72945645	532	57.547	10.050	40.00	60,973.30
73019341	695	86.124	7.400	32.00	81,756.04
73030207	553	90.000	7.990	48.00	166,388.05
70821103	543	82.670	10.450	44.00	77,629.71
72228489	540	80.000	10.100	55.00	139,939.37
74722489	626	75.000	10.250	45.00	78,716.98
73065021	545	70.588	9.650	28.00	59,971.40
73099566	529	89.474	8.800	42.00	135,922.55
70029780	549	76.923	8.500	33.00	199,878.84
73667107	614	90.000	6.700	33.00	238,292.64
73758542	612	90.000	7.100	44.00	193,344.49
73203382	619	69.565	7.650	25.00	143,896.29
72284987	533	54.784	7.990	19.00	88,690.33
73806960	746	81.722	6.750	31.00	146,973.35
74786666	595	73.333	5.950	48.00	263,734.66
73840027	580	88.710	7.500	38.00	274,795.91
73435588	544	74.737	8.250	53.00	70,954.73
73867889	524	85.000	8.500	44.00	131,670.18
73867988	642	68.966	10.300	13.00	59,975.10
74832585	641	90.000	9.500	48.00	67,466.80
74860545	624	85.250	8.600	49.00	127,799.11
73461881	646	90.000	7.990	35.00	526,146.00
71346126	583	90.000	8.200	22.00	80,947.81
74885427	636	56.250	7.650	34.00	89,935.18
73885022	593	84.706	7.900	44.00	71,950.70
69031128	531	80.000	9.550	40.00	79,961.06
73922346	638	90.000	6.990	36.00	112,500.00
69456606	527	85.000	8.990	40.00	144,420.90
74912346	763	72.916	6.500	21.00	79,927.67
73963563	505	65.000	9.750	46.00	81,212.09
73967309	651	80.000	7.990	47.00	75,948.89
73992745	530	75.000	8.800	33.00	438,500.17
73994204	670	90.000	6.500	34.00	119,591.79
71713309	513	60.000	8.650	49.00	91,146.43
72907884	538	82.735	8.550	24.00	62,013.79
73039588	557	80.000	7.990	48.00	94,736.26
73639825	524	84.706	8.650	26.00	215,873.13
73912883	583	78.389	7.990	45.00	352,512.83
74023144	677	89.994	6.450	43.00	404,605.32
74945841	725	41.398	5.850	40.00	110,886.29
71769962	528	84.314	8.990	53.00	214,882.31
68695303	599	66.019	9.100	55.00	67,821.91
71803027	542	66.879	7.250	53.00	314,754.27

75026765	672	68.868	6.600	49.00	363,807.85
73107047	566	90.000	9.990	16.00	130,442.14
74040924	686	76.939	6.700	53.00	376,672.22
74043381	694	81.500	6.750	24.00	419,363.62
73177826	601	85.000	6.800	48.00	254,782.59
73258246	530	84.990	12.600	42.00	348,371.80
71939722	628	79.723	6.350	49.00	459,571.88
71943963	609	87.407	6.990	49.00	117,903.08
75062281	603	91.843	6.300	23.00	303,714.32
72062367	560	75.000	8.900	42.00	59,909.01
70766845	526	66.667	9.500	19.00	61,969.50
72181381	537	78.125	8.990	47.00	62,465.79
73308041	549	30.435	7.990	44.00	69,952.93
74104241	689	87.737	6.990	25.00	65,748.95
72993561	612	90.000	6.990	37.00	80,933.47
70242565	564	75.000	9.990	18.00	104,953.45
70627500	647	81.646	7.500	50.00	89,933.20
73128340	569	90.000	8.990	48.00	65,664.03
74124488	697	87.429	6.350	48.00	152,682.37
74125709	602	90.000	9.400	43.00	76,461.57
72297682	716	66.374	6.650	44.00	301,734.84
71979306	536	84.770	9.900	53.00	294,866.68
71380240	545	85.000	10.300	28.00	183,523.82
70794763	632	83.810	8.800	50.00	87,949.88
72505324	587	77.500	8.650	39.00	61,830.91
71058002	709	89.655	6.550	45.00	77,930.16
71111942	597	88.019	7.300	39.00	93,227.94
74187881	690	77.671	7.250	29.00	66,590.80
71477541	673	78.912	6.950	34.00	115,903.97
71429682	594	71.875	6.990	32.00	172,358.32
71401145	534	85.000	9.800	31.00	140,185.26
71753826	691	65.060	6.400	20.00	107,900.45
73544884	517	69.811	7.750	23.00	184,869.42
71505580	556	84.579	7.500	49.00	80,290.37
74210881	588	61.217	7.500	55.00	160,880.51
71543383	567	80.000	8.250	53.00	131,915.82
72615362	579	90.000	7.990	32.00	89,939.48
71724900	641	95.000	7.600	47.00	355,990.85
71725121	598	89.573	7.850	29.00	188,737.67
71727200	610	89.091	7.050	46.00	146,880.69
65795767	575	75.000	10.500	49.00	125,848.44
71691687	524	53.571	7.990	32.00	224,848.72
71721484	577	80.000	6.990	29.00	215,822.59
72096647	556	32.143	7.200	35.00	89,314.51
68709260	531	80.000	10.700	53.00	80,769.25
68738566	515	75.000	8.300	47.00	91,442.25
72695489	517	72.340	8.990	28.00	67,962.77
72736721	603	85.000	7.850	25.00	90,037.67
71788962	537	80.000	7.990	39.00	135,908.55
71751424	525	79.973	9.990	32.00	63,667.71
72737323	546	69.867	7.700	53.00	261,813.21
72836562	630	90.000	7.900	34.00	74,648.85
71854145	548	53.704	7.750	27.00	144,897.66
73045486	517	61.905	9.550	40.00	103,949.38
71902241	556	58.273	7.400	38.00	128,102.93
73340382	549	72.880	9.200	47.00	206,141.94
73346504	558	85.000	6.800	32.00	110,405.79
71855282	521	81.817	9.350	35.00	216,703.93
73184640	605	75.000	7.250	38.00	599,531.94
73185209	562	63.571	7.500	43.00	70,984.96
73276305	666	89.552	7.250	45.00	59,953.19
70366364	700	95.000	6.500	44.00	161,354.00
71980924	555	80.000	7.700	42.00	223,840.29
72276405	538	85.000	8.900	28.00	93,447.85
73429169	671	34.333	6.250	31.00	110,626.39
73391484	660	89.552	8.400	42.00	59,962.89
70807961	646	85.621	7.050	50.00	128,976.72
72280589	654	90.000	6.600	53.00	418,128.96
75136846	610	89.097	7.450	47.00	275,992.95
73508921	555	75.000	7.750	48.00	127,410.01

71334742	676	90.000	8.850	26.00	139,421.38
71306500	565	80.000	10.250	41.00	63,973.16
71335202	553	85.000	8.300	25.00	121,473.27
73549024	583	75.000	6.990	47.00	359,704.32
73551640	561	79.012	10.100	26.00	127,944.56
73588089	550	88.083	9.550	37.00	84,958.63
72265028	716	62.466	5.500	19.00	228,749.34
72366669	643	90.000	9.300	30.00	79,013.96
72271406	636	89.333	7.990	23.00	66,954.95
72275860	515	73.944	8.450	20.00	104,935.73
74240409	514	70.968	11.400	39.00	65,978.43
74242504	650	68.182	8.850	33.00	59,966.18
71664684	597	80.000	11.150	22.00	82,371.56
73634107	546	74.615	9.550	26.00	96,952.79
72347487	542	31.667	7.650	41.00	189,863.17
71897961	516	75.000	9.990	34.00	64,846.23
74285388	720	90.000	7.500	31.00	71,869.97
73634362	524	84.924	9.990	17.00	106,107.93
72410467	660	85.185	6.650	42.00	229,798.06
72530165	531	65.000	7.550	38.00	194,856.72
72411283	573	90.000	11.200	42.00	68,252.35
74307588	630	76.241	7.200	41.00	214,830.60
74309501	593	82.353	7.250	11.00	69,945.39
72054604	561	38.012	7.300	29.00	129,899.58
73725046	653	48.846	7.990	27.00	64,484.94
66326802	698	89.470	6.750	46.00	75,862.11
72231228	562	89.885	8.250	50.00	390,750.67
73638769	516	68.475	7.400	46.00	201,847.06
73639601	595	90.000	8.900	49.00	61,165.86
73733180	532	85.000	8.990	47.00	152,916.25
72648140	673	90.000	7.250	42.00	204,370.44
72231327	612	80.000	8.450	50.00	88,745.64
72271786	674	30.468	6.900	41.00	99,916.39
73776767	530	42.541	7.990	54.00	153,896.45
73782062	555	80.000	11.600	22.00	59,981.24
72468861	645	60.055	8.850	35.00	72,389.36
72756745	681	89.057	6.850	29.00	235,800.75
72473747	564	78.534	7.350	30.00	299,770.58
72551682	547	65.000	7.990	31.00	103,930.07
73894784	590	90.000	6.950	44.00	148,377.06
73900904	570	81.250	6.990	34.00	97,419.92
72290802	647	89.999	8.990	30.00	63,795.21
72293046	545	63.707	7.800	38.00	164,884.71
72551781	586	80.000	6.990	49.00	162,266.61
72817448	726	88.125	6.500	46.00	140,872.53
74018284	643	88.357	6.990	50.00	177,054.46
74072141	598	76.609	8.800	24.00	88,049.83
74212028	517	73.115	8.750	48.00	222,871.69
72487689	693	85.000	6.400	40.00	203,811.96
72766348	643	61.538	6.150	49.00	119,592.62
72767585	601	83.333	6.800	46.00	82,429.66
74299207	500	70.545	7.200	55.00	387,694.30
74371485	606	90.000	6.990	49.00	107,911.29
72755606	592	70.000	10.850	45.00	92,365.96
73064826	541	70.369	7.850	45.00	228,541.81
70638424	550	85.000	9.700	51.00	80,711.92
71593842	674	68.421	6.500	35.00	194,823.71
67353789	577	85.000	6.950	45.00	169,717.71
73287443	612	80.000	9.500	45.00	63,968.52
73289688	559	69.263	8.700	46.00	65,761.74
73318446	525	67.619	8.200	44.00	70,954.26
71583926	559	90.000	8.990	34.00	107,881.32
71277404	596	90.000	7.250	33.00	118,707.32
72723349	572	67.949	5.990	28.00	211,788.54
71289508	507	55.367	8.150	46.00	97,936.21
71306864	663	79.573	6.550	43.00	99,376.95
74646506	590	74.560	7.900	45.00	93,136.18
74097106	646	90.000	5.990	26.00	199,600.72
74395468	532	75.000	8.990	52.00	59,967.15
74395906	542	82.783	8.990	54.00	95,147.89

73387169	535	85.000	9.450	54.00	131,684.50
73420465	522	85.000	7.990	35.00	178,379.98
73020083	617	40.857	7.400	41.00	142,891.72
73020844	582	80.000	6.300	44.00	175,834.60
73422586	619	90.000	6.990	42.00	134,889.12
73458440	520	84.000	8.750	34.00	188,891.26
73022303	683	71.489	6.990	28.00	167,862.01
72559727	543	60.833	8.800	54.00	72,958.42
73524324	588	90.000	7.990	55.00	373,248.88
73525842	621	82.469	8.450	25.00	131,869.24
73573685	547	67.778	8.550	38.00	60,963.42
74221326	533	75.000	9.100	33.00	104,943.83
74223140	616	90.000	7.250	28.00	557,564.70
70366406	501	60.000	8.800	28.00	251,711.95
73164287	574	87.556	6.850	42.00	196,833.67
72153349	576	80.000	8.350	44.00	86,346.02
71536668	570	84.706	8.700	48.00	71,958.14
74447905	719	63.107	5.400	41.00	129,855.00
73668865	500	57.143	7.990	22.00	99,932.76
72939606	596	90.000	8.100	45.00	206,863.90
74364183	649	87.891	9.990	50.00	562,250.62
71634364	639	90.000	7.990	49.00	85,442.51
73883522	636	72.727	7.250	37.00	239,812.77
73884249	557	47.059	8.050	40.00	159,893.72
73289225	724	90.000	6.990	47.00	98,918.69
70970827	537	71.963	10.600	32.00	76,939.83
70971189	566	76.087	6.950	34.00	174,709.42
72881428	564	75.000	10.750	23.00	59,977.41
71894406	581	75.000	9.150	52.00	228,374.86
74704164	633	64.655	5.800	30.00	224,767.30
74704685	614	73.478	6.150	45.00	337,673.05
71579304	734	81.958	6.350	48.00	114,892.96
69722940	641	66.449	7.900	32.00	91,570.46
72376569	588	85.000	8.150	52.00	181,781.61
71380463	705	88.286	7.350	46.00	92,629.11
74187485	559	62.115	8.800	15.00	80,704.02
71398804	562	85.000	9.990	48.00	66,266.92
74190380	534	75.000	9.250	36.00	59,968.89
71893945	562	80.800	8.500	46.00	100,938.81
71955405	660	89.286	6.100	16.00	124,877.92
72896962	619	90.000	9.650	34.00	166,420.65
73292724	714	90.000	6.500	46.00	404,633.87
72113509	655	74.603	7.950	47.00	93,936.28
72128960	641	95.000	8.900	21.00	75,957.61
73007486	654	84.706	7.900	31.00	287,802.80
70201207	550	75.000	8.700	20.00	86,199.85
74223868	631	90.000	6.990	47.00	125,896.51
74717844	682	87.291	6.250	34.00	130,225.82
66552126	591	70.588	8.350	14.00	59,531.85
69453827	597	84.828	6.750	47.00	122,894.10
71313704	544	49.697	9.750	28.00	81,961.74
72576044	613	90.000	7.350	42.00	168,171.29
73725863	609	79.268	8.600	50.00	64,961.42
74397324	667	57.692	7.450	16.00	59,817.99
71350961	666	58.824	9.100	46.00	249,731.47
72519366	597	75.000	8.300	20.00	232,353.25
71634562	647	90.000	6.800	18.00	157,365.71
73403123	574	80.000	6.750	35.00	86,325.61
73787103	664	80.000	6.350	41.00	91,914.37
74116088	573	69.796	7.990	39.00	170,885.03
74421066	608	44.944	7.990	51.00	79,946.21
74810946	526	63.404	7.400	40.00	148,887.18
72520729	624	73.000	7.600	50.00	72,946.89
68880640	530	85.000	9.250	46.00	63,683.64
69591501	634	50.000	7.990	50.00	59,959.65
72578222	521	75.000	7.300	44.00	122,904.99
70430426	553	69.388	6.990	32.00	169,860.37
72594229	610	90.000	6.990	49.00	265,281.94
72599665	571	90.000	10.300	50.00	139,442.13
72046709	536	75.000	8.400	55.00	261,588.13

72642622	551	86.486	8.600	28.00	127,924.03
72231921	597	88.702	7.990	32.00	184,375.95
72753700	673	61.332	7.750	39.00	93,434.00
72276603	598	55.335	8.850	39.00	222,874.33
72366123	515	68.421	11.990	39.00	64,981.36
72442080	682	90.000	7.990	49.00	269,818.46
68002328	560	80.000	9.990	46.00	70,368.78
68412246	584	85.000	8.990	44.00	177,552.75
72467483	578	70.000	9.900	39.00	63,671.21
72801681	560	80.000	8.350	32.00	75,952.51
72480221	584	80.000	8.300	43.00	131,916.68
72487564	528	90.000	11.250	25.00	131,355.64
72512528	607	84.975	6.600	38.00	169,607.60
68901768	532	38.073	6.990	41.00	82,931.83
72970528	519	48.387	8.150	40.00	74,951.19
67752469	558	85.000	7.250	22.00	263,294.44
69519924	641	88.235	7.990	42.00	134,609.52
69729507	573	80.000	8.650	48.00	72,757.24
72520182	594	81.429	7.200	33.00	284,775.45
70570361	590	76.000	7.990	35.00	75,948.89
72447147	574	90.000	7.500	50.00	197,853.05
68209287	606	90.000	7.200	49.00	115,109.23
69781268	699	90.000	6.850	45.00	70,111.26
55783641	717	57.345	5.990	39.00	129,078.59
70602784	527	21.818	7.990	38.00	59,959.65
69069946	583	85.000	6.150	42.00	573,195.02
69914364	560	89.367	6.150	32.00	352,658.55
70002407	579	90.000	7.700	39.00	134,903.75
70859103	525	78.000	10.600	34.00	62,375.73
70371547	524	84.545	7.900	40.00	139,404.48
70859921	529	76.000	8.990	53.00	94,948.00
70257449	579	80.000	11.550	26.00	59,981.03
70382403	567	60.000	9.550	52.00	179,912.39
72634140	624	90.000	6.500	29.00	177,679.23
72643406	545	85.000	9.800	50.00	144,433.29
70964549	577	85.000	9.990	33.00	93,458.55
70702865	552	84.091	8.250	26.00	147,905.62
71142566	603	78.235	6.990	45.00	265,781.53
70964762	560	80.000	9.990	39.00	73,534.47
70748066	608	85.000	8.250	32.00	123,070.72
68872985	572	60.000	8.990	55.00	103,143.51
69938926	538	75.000	11.250	48.00	86,341.33
70773981	503	75.000	8.050	21.00	78,112.79
72898885	567	90.000	8.500	41.00	122,325.84
71348304	701	90.000	5.950	51.00	319,178.88
71552244	544	72.000	8.750	33.00	215,666.18
71343628	534	65.608	8.990	43.00	97,046.85
71371801	575	91.566	8.600	35.00	75,954.90
72184922	605	86.875	6.990	54.00	381,936.05
71416085	530	80.000	8.990	33.00	95,947.45
71265367	521	83.217	8.100	43.00	118,921.76
72671761	599	90.000	7.990	44.00	575,612.73
71452387	519	56.444	7.550	30.00	126,906.68
72760044	674	90.000	6.250	46.00	137,236.51
72821168	558	82.500	6.850	53.00	136,010.07
73042186	746	95.000	9.990	20.00	237,394.71
73108565	761	46.246	6.200	37.00	135,370.18
73188443	564	66.667	6.750	40.00	209,819.19
70995808	666	89.164	8.300	37.00	287,818.22
73260127	571	74.299	6.700	37.00	158,861.75
73478885	647	75.000	5.990	35.00	179,820.46
73514820	713	72.464	5.900	8.00	124,566.50
73551764	525	80.000	7.500	54.00	290,184.48
71597769	538	37.540	9.800	44.00	163,224.62
73669228	708	87.816	6.400	45.00	333,391.42
71391387	676	68.106	7.950	39.00	61,394.94
73760886	626	89.963	9.600	27.00	121,391.50
73807661	655	88.923	7.990	39.00	86,641.71
73841884	679	80.143	6.990	33.00	280,269.61
73868804	557	75.059	6.950	45.00	251,239.84

71700405	545	83.916	9.900	48.00	59,972.88
71456289	531	85.000	8.990	48.00	79,006.73
71818082	698	16.949	6.990	45.00	62,878.91
71879886	563	90.000	9.950	38.00	100,754.92
69545200	684	83.529	8.990	34.00	141,922.27
73068207	651	85.000	7.100	49.00	125,698.90
73887788	542	93.333	7.700	37.00	125,910.17
71535884	535	78.182	7.800	46.00	214,849.77
71559140	625	65.000	7.400	26.00	159,129.42
71882864	545	75.000	9.250	41.00	86,205.28
66768045	610	78.571	7.990	28.00	521,439.07
73074767	701	22.182	7.600	15.00	121,911.25
73997207	550	85.000	8.500	30.00	79,002.11
73144081	587	75.000	9.750	11.00	100,453.10
74023607	615	87.414	7.250	50.00	253,302.24
74044462	518	74.468	10.500	53.00	104,958.27
71768006	613	83.019	8.990	49.00	219,879.58
74125782	611	90.000	8.350	42.00	143,910.03
71638803	578	90.000	7.850	29.00	202,359.93
71726962	590	66.809	6.990	31.00	156,871.05
71838643	566	85.000	9.150	34.00	133,294.39
71605265	516	60.000	9.150	35.00	122,934.89
71885701	607	77.260	6.750	49.00	281,757.20
74286345	643	58.824	7.400	32.00	59,954.57
71882203	645	77.053	7.600	48.00	90,933.80
71882666	669	60.498	6.990	20.00	61,142.50
71440564	742	50.370	6.250	13.00	67,935.48
71741847	539	59.455	7.250	54.00	163,372.45
71942601	562	75.893	7.250	27.00	212,334.22
69989705	672	90.000	7.990	24.00	83,643.72
71589022	527	80.000	10.100	27.00	62,372.97
74417569	598	75.000	7.500	49.00	88,434.32
71828628	647	90.000	8.200	47.00	98,936.22
71829824	541	79.452	9.500	47.00	289,857.35
74645367	531	66.667	11.200	36.00	59,979.52
72086721	528	79.974	7.750	55.00	152,642.19
71944342	574	89.761	7.500	48.00	262,804.81
71947584	692	93.522	7.450	45.00	214,938.75
66816885	810	23.647	5.500	35.00	399,218.86
74678343	620	90.000	6.750	49.00	278,759.79
71961429	590	85.000	7.250	50.00	97,673.74
72030067	643	90.000	7.750	46.00	248,224.68
72098023	512	75.000	9.750	41.00	59,972.00
74832924	557	69.880	6.100	32.00	289,716.78
72003080	587	23.000	6.950	26.00	68,942.88
70594445	527	78.164	7.990	45.00	314,788.21
70725403	540	80.000	8.500	34.00	58,963.65
72173040	529	85.000	9.990	53.00	80,714.19
72174881	519	75.000	8.900	46.00	172,403.79
72214000	547	80.000	10.100	36.00	63,972.28
74887704	551	71.186	7.500	24.00	70,421.69
72284888	648	80.000	7.250	46.00	105,517.62
74914284	655	84.274	6.300	43.00	492,536.71
75063909	560	69.722	7.990	53.00	125,415.62
75138347	603	71.786	6.700	34.00	200,825.24
71986384	543	80.000	8.250	32.00	99,936.23
69205029	704	91.787	5.500	46.00	189,583.11
72198005	684	80.000	6.990	39.00	87,927.72
69771368	591	90.000	9.990	46.00	152,863.77
72546708	546	82.677	9.500	51.00	104,948.35
71288021	594	78.750	9.800	44.00	62,970.91
72692601	580	75.000	8.750	28.00	299,827.39
73387342	585	88.235	8.350	46.00	224,859.43
69406882	638	90.000	8.850	40.00	98,888.00
74761263	565	75.000	9.300	33.00	59,969.21
74761867	534	70.924	7.990	39.00	130,412.25
74765082	527	70.000	8.990	48.00	76,957.85
72334402	569	82.877	8.750	47.00	302,325.96
72778269	622	80.852	5.950	39.00	193,445.37
72834021	615	85.679	6.550	47.00	128,403.94

72505183	716	90.000	7.400	45.00	69,247.53
71593586	542	71.429	8.600	42.00	74,794.54
71449847	580	80.636	8.150	46.00	88,552.19
73022006	534	73.284	7.100	49.00	296,561.47
73105967	574	84.943	8.990	46.00	224,762.53
73214702	644	75.000	7.500	40.00	74,944.33
71990907	530	85.000	11.990	22.00	61,182.45
72035249	594	75.000	7.500	33.00	82,438.77
67348243	596	90.000	8.250	50.00	80,896.34
66845504	509	75.000	8.400	39.00	179,663.53
67120824	649	66.306	7.050	16.00	116,214.64
72126147	590	71.515	6.990	44.00	117,903.08
73534109	680	90.000	6.550	34.00	112,399.28
73552069	551	90.000	6.750	25.00	247,286.90
73451007	618	85.000	8.750	40.00	188,591.43
72235948	684	91.026	6.350	49.00	354,669.60
72282387	577	90.000	8.850	29.00	96,245.72
73525867	659	90.000	6.500	47.00	251,772.18
71223168	544	76.190	9.700	30.00	111,947.18
67267765	660	75.000	9.200	43.00	59,904.96
73683062	572	89.540	7.990	34.00	204,451.21
73683542	697	80.000	7.100	36.00	91,926.06
71915946	624	90.000	7.990	29.00	104,329.80
72133028	730	80.000	5.800	36.00	147,846.93
72233364	584	80.000	8.700	52.00	119,930.24
73569568	689	89.459	5.550	50.00	330,641.10
72420540	612	77.778	8.450	26.00	83,917.93
71774509	719	95.000	6.250	42.00	198,836.15
73857328	518	75.000	7.750	16.00	236,083.25
72472525	556	90.000	9.990	50.00	71,968.08
72288020	611	77.922	7.700	38.00	59,957.22
71907109	585	46.923	8.300	37.00	91,442.25
72568827	520	71.889	11.100	48.00	77,972.78
64962467	567	87.486	9.990	47.00	152,894.65
73999526	574	90.000	8.500	39.00	76,453.66
72748064	530	64.516	9.350	54.00	59,969.54
72820764	673	90.000	6.500	31.00	154,791.94
71971386	525	80.000	11.900	16.00	59,982.44
72858624	610	90.000	7.600	50.00	151,090.01
72860620	681	90.000	6.990	30.00	103,414.99
72938061	551	88.889	6.990	28.00	119,901.44
73096067	543	73.661	9.750	44.00	82,461.50
74187428	694	50.030	6.100	50.00	82,419.43
74189465	603	86.857	8.250	33.00	151,903.07
74332925	567	90.000	7.650	35.00	116,016.39
68376482	508	60.894	11.990	43.00	60,858.89
74628348	542	73.991	7.500	55.00	164,877.54
61762167	651	90.000	7.990	34.00	188,486.60
73179343	536	83.594	7.650	32.00	106,922.94
72032766	513	75.000	11.550	39.00	74,976.29
73242984	550	48.235	6.950	34.00	204,830.29
73378002	534	69.286	7.990	24.00	96,934.78
73416588	539	83.400	9.300	28.00	125,035.82
73451940	593	68.600	6.990	19.00	137,087.31
73527202	550	75.000	8.100	31.00	153,648.91
73576886	618	70.588	7.200	38.00	59,813.97
73578742	554	80.000	7.250	46.00	131,897.02
73635963	606	90.000	6.990	38.00	166,363.24
69279008	544	81.000	8.990	45.00	242,866.99
72131600	561	90.000	10.750	13.00	161,939.01
73097024	621	90.000	7.400	50.00	143,890.97
73097461	520	67.391	7.600	41.00	154,887.25
69773547	555	79.778	9.500	51.00	179,322.70
73784464	571	75.000	10.500	53.00	93,712.74
68799600	575	75.000	6.990	24.00	82,364.07
73363426	575	82.069	8.990	38.00	237,869.73
73967804	735	55.527	5.900	38.00	215,780.82
73970725	561	38.788	6.900	39.00	127,892.99
70688361	528	71.852	8.800	45.00	96,944.76
67849588	675	83.989	6.900	17.00	126,130.81

74051061	548	81.742	7.750	23.00	107,823.84
70898788	538	75.000	8.990	48.00	161,161.73
71051700	546	80.000	8.800	55.00	87,949.88
73840241	594	85.000	7.550	37.00	101,925.05
72182983	536	80.000	7.800	37.00	87,938.51
69313500	576	80.000	10.200	41.00	77,533.92
72288525	555	88.333	8.400	52.00	317,803.35
69618981	527	65.000	12.300	54.00	67,563.61
72288608	535	27.273	8.500	23.00	59,963.65
74058967	562	83.784	12.300	50.00	309,917.03
74133802	572	81.818	8.250	45.00	134,913.92
69458768	661	80.000	6.100	48.00	59,642.18
69278943	625	88.371	7.500	33.00	83,826.99
58403023	553	62.051	10.300	46.00	120,744.62
74211509	565	77.778	6.500	48.00	139,873.43
72465560	501	75.000	9.990	41.00	82,463.42
71534242	631	81.383	7.990	34.00	93,528.07
60077765	624	82.051	7.990	31.00	63,737.45
72387681	566	90.000	10.350	37.00	75,119.15
71666820	541	78.571	9.650	31.00	65,968.54
69140820	620	58.728	6.990	45.00	81,433.06
69283604	538	85.000	8.990	46.00	138,474.16
71771760	608	82.677	7.990	39.00	104,929.40
71804744	672	80.000	7.500	27.00	79,940.62
71805501	592	75.000	7.990	24.00	74,949.57
70366901	526	75.000	8.500	46.00	98,940.02
69759421	533	63.571	6.990	30.00	266,560.13
69841666	589	85.000	9.990	42.00	141,823.60
71936165	632	89.143	6.550	28.00	233,790.50
70695721	626	73.111	6.990	14.00	89,926.08
70872122	532	80.000	8.350	42.00	303,505.93
70934765	562	79.167	6.990	49.00	379,687.90
72007362	667	89.844	6.400	27.00	574,470.01
72077662	660	90.000	7.300	46.00	373,211.52
71576086	514	74.762	8.050	44.00	78,447.85
72154982	577	60.143	7.250	6.00	210,335.78
72397185	545	85.000	8.250	55.00	135,913.27
71769541	643	77.714	7.100	48.00	407,672.10
71313043	549	73.333	7.250	16.00	439,656.75
71782304	523	82.857	8.750	36.00	86,949.95
71805360	600	90.000	9.990	50.00	87,261.29
72608540	536	75.000	11.350	38.00	63,728.94
72716160	597	90.000	7.600	43.00	80,941.07
72065329	614	70.000	8.850	48.00	94,446.74
72066384	571	80.000	7.750	19.00	83,940.71
72186786	720	84.091	6.800	49.00	166,358.04
70288428	536	50.769	7.700	43.00	131,905.89
72874688	606	85.000	6.500	49.00	339,692.63
72875529	568	87.379	8.990	49.00	179,901.47
72883101	552	80.337	7.250	45.00	142,888.44
62944228	598	87.500	8.200	44.00	244,362.17
71864086	725	90.000	6.350	39.00	125,579.51
74916966	635	90.000	8.600	42.00	80,951.93
74920224	518	57.895	8.200	48.00	109,929.14
74923046	581	85.000	8.250	41.00	97,687.66
64168545	511	75.000	11.250	54.00	157,338.96
75041343	655	79.998	6.300	34.00	177,083.43
75044065	594	69.027	5.990	28.00	155,844.40
69798304	565	84.737	8.750	36.00	80,453.68
70477823	545	37.222	9.200	50.00	66,964.90
71347207	547	18.462	9.500	40.00	59,970.48
69715720	512	60.000	7.650	41.00	119,913.58
70618541	620	69.167	6.350	31.00	414,613.76
69308666	600	83.333	5.990	39.00	199,600.03
66799065	600	72.593	7.990	49.00	97,801.01
71101505	580	74.476	8.250	47.00	234,450.40
70663323	588	78.571	7.550	49.00	439,676.70
71798409	673	85.000	6.500	50.00	185,981.71
71814800	533	85.000	8.150	31.00	131,664.25
66914227	735	95.000	5.950	46.00	208,578.82

71466486	514	45.946	9.600	29.00	84,959.06
58403502	515	73.404	9.100	51.00	85,967.80
71938666	609	85.000	7.750	48.00	106,175.01
71987184	564	80.000	7.500	44.00	131,902.03
71741946	546	82.763	8.250	46.00	157,149.72
72435803	525	65.000	9.900	44.00	84,461.81
72624349	648	73.333	7.550	38.00	87,935.34
71779326	531	85.000	9.990	44.00	152,932.17
70672860	777	84.884	6.400	48.00	364,663.57
70831680	563	84.971	9.500	48.00	146,927.69
70878129	653	64.255	6.950	35.00	59,950.33
71063408	575	75.000	8.300	48.00	104,933.72
72911464	621	75.000	7.450	27.00	59,955.02
72927965	716	84.444	6.300	38.00	189,821.45
72960545	583	78.316	9.500	40.00	74,363.40
73014383	657	90.000	8.650	32.00	121,428.63
71067003	655	60.000	8.750	30.00	59,965.47
70407903	505	75.000	7.400	52.00	172,369.39
73091225	588	88.000	8.350	30.00	83,547.77
70429600	731	85.000	6.700	33.00	535,034.41
73091381	680	84.960	5.950	47.00	106,093.26
65741068	526	75.000	9.900	22.00	89,835.25
73295321	521	69.718	8.250	47.00	98,936.87
73330003	592	89.610	7.250	46.00	275,784.69
71968424	537	69.761	10.550	51.00	88,562.17
72009202	624	80.000	7.550	44.00	139,097.72
72010267	655	71.950	7.200	44.00	68,945.63
73370926	609	85.000	7.500	47.00	271,798.13
73437345	639	85.000	7.250	48.00	131,343.29
73439143	514	75.000	9.850	34.00	86,210.60
73478026	572	89.560	7.200	32.00	162,871.57
73520744	625	72.881	6.250	20.00	214,795.99
71905806	524	85.000	10.250	34.00	93,460.79
70494026	582	62.381	6.900	41.00	261,780.96
72519044	540	70.732	7.250	32.00	289,773.76
72597727	620	90.000	6.850	50.00	209,522.96
73646747	578	88.372	8.500	38.00	189,884.89
73696684	529	81.531	8.700	32.00	199,633.88
73744724	554	75.000	8.990	47.00	59,967.15
71160667	584	90.000	9.500	46.00	106,147.76
71300842	705	90.000	6.750	42.00	94,418.63
71543748	708	44.344	6.600	44.00	99,673.38
73798506	601	88.816	8.300	49.00	202,372.19
69584969	526	72.500	8.150	46.00	94,126.89
71545123	548	68.696	6.700	15.00	78,931.31
72310865	531	84.834	8.990	43.00	178,902.02
73929648	612	88.732	7.600	39.00	251,816.69
73974529	602	80.000	5.990	37.00	167,832.43
73974966	592	64.677	8.990	37.00	129,928.84
73978322	532	80.000	9.300	29.00	59,969.21
63477327	552	90.000	8.650	47.00	170,593.85
66380643	526	80.000	9.750	30.00	95,955.21
74132689	632	85.714	8.100	50.00	59,960.55
69064988	553	80.000	10.700	47.00	59,977.16
72396120	618	89.041	7.750	48.00	324,770.62
71919229	563	80.000	7.250	49.00	59,953.19
71942882	702	89.867	7.550	49.00	336,752.38
70729041	592	80.000	9.150	47.00	79,957.64
72548506	603	85.000	9.550	46.00	220,892.43
70420401	542	74.490	7.800	50.00	364,744.97
74019969	595	66.593	6.500	23.00	269,456.19
74149147	537	84.507	10.350	42.00	59,975.37
74357021	556	80.000	8.990	46.00	105,542.19
67002709	625	87.500	8.500	38.00	104,872.33
74715848	554	86.667	6.990	20.00	350,711.72
72046345	758	90.000	6.850	42.00	112,405.02
72088503	550	79.024	6.450	49.00	161,852.12
71688949	586	77.131	8.150	37.00	135,661.65
69690444	585	80.000	10.800	46.00	59,955.10
72014467	523	85.000	8.500	22.00	95,142.32

72419344	599	85.000	8.850	48.00	72,209.28
72670581	529	75.000	7.900	47.00	134,907.56
69694164	526	80.000	9.150	39.00	62,333.67
68688662	615	81.768	6.500	48.00	147,731.67
72124464	543	85.000	8.500	54.00	144,412.46
72136906	527	71.618	7.300	49.00	243,311.92
72138704	572	90.000	7.850	45.00	85,440.85
67785584	530	76.724	6.990	24.00	133,390.35
68455062	534	80.000	10.350	50.00	59,975.37
69084366	554	85.000	9.990	43.00	76,466.08
68882661	561	78.947	6.250	13.00	299,715.34
70052683	607	71.429	6.990	44.00	224,815.21
68883024	564	84.808	7.750	33.00	220,344.37
70146568	784	70.828	5.650	32.00	119,572.63
72338403	561	84.694	8.250	46.00	207,367.68
70353602	622	67.611	7.990	48.00	64,956.29
70543665	644	90.000	7.900	45.00	67,453.78
69683928	545	75.000	8.990	54.00	107,191.29
71681506	637	89.394	6.500	49.00	530,519.96
72450505	533	85.000	8.700	38.00	110,435.76
70065263	508	74.286	12.500	49.00	129,966.73
70171483	582	90.000	7.990	38.00	116,921.34
70342548	556	85.000	7.650	42.00	142,697.16
72476567	526	71.970	8.990	37.00	94,948.00
70736889	741	72.727	6.600	50.00	159,858.14
70837083	571	90.000	9.990	35.00	157,430.17
67130724	688	68.913	6.250	47.00	209,399.10
70912068	613	90.000	7.750	41.00	130,407.89
67146720	624	82.184	5.850	29.00	160,910.53
69978500	659	90.000	7.900	36.00	89,938.37
70427141	542	75.000	10.990	48.00	74,973.20
71151245	507	47.778	7.850	34.00	128,910.77
71351944	695	95.000	9.750	39.00	99,703.46
71066666	601	78.125	6.990	37.00	99,684.23
70728084	600	68.889	7.250	50.00	92,927.45
72567522	605	90.000	6.650	30.00	133,083.05
72593023	555	78.866	9.800	46.00	76,464.68
71468607	572	90.000	9.850	38.00	152,930.12
71634422	665	81.212	6.150	43.00	267,740.76
71635502	556	81.356	8.600	53.00	239,857.57
72638125	544	83.180	9.900	50.00	271,877.08
71173785	555	85.000	7.200	33.00	101,919.63
71319628	552	70.370	6.750	34.00	189,836.41
71333108	605	90.000	8.500	26.00	197,880.05
66849803	528	75.000	10.500	31.00	59,927.82
71083265	544	58.824	10.100	26.00	149,869.53
72955107	636	90.000	7.650	13.00	183,377.85
71730568	690	79.377	6.990	39.00	101,916.22
71347728	652	56.213	6.650	42.00	94,916.59
71817324	547	57.870	7.750	45.00	124,630.69
70032487	600	89.948	10.750	24.00	430,778.06
70054440	545	77.832	8.750	41.00	266,809.41
72067689	729	80.000	6.800	36.00	136,796.22
72144025	591	85.714	8.990	48.00	89,950.73
72122427	546	77.941	7.750	53.00	105,925.18
71552400	777	72.727	9.800	30.00	59,972.30
67287326	614	90.000	6.250	50.00	186,843.81
72815608	546	85.000	8.650	48.00	93,445.08
72864549	527	80.000	8.800	50.00	231,867.89
72299886	594	88.000	7.500	49.00	197,853.05
64927742	641	80.000	7.750	46.00	103,703.54
73017444	608	90.000	10.300	38.00	67,472.00
73059628	628	80.000	7.800	45.00	101,529.01
73019861	529	80.200	8.800	52.00	200,385.83
73189128	551	89.655	8.750	19.00	77,955.12
71575807	622	90.000	7.200	42.00	125,900.72
71610224	543	84.553	9.250	43.00	80,283.35
72580285	549	50.314	7.250	44.00	159,875.18
73025181	606	77.400	6.150	50.00	154,650.26
71295042	547	75.000	7.600	43.00	158,884.34

73308983	535	55.571	7.400	51.00	194,352.74
73040040	532	75.000	9.250	29.00	110,942.46
73388589	543	74.474	8.250	29.00	141,409.76
72309800	507	75.000	8.700	36.00	123,678.06
72484280	646	57.984	8.450	24.00	59,963.27
73520009	529	52.478	7.850	28.00	179,875.49
73553182	659	68.689	5.990	49.00	141,358.86
73584880	576	84.967	6.250	46.00	129,876.64
73043408	676	85.000	7.750	45.00	318,525.02
73044448	644	44.531	6.750	48.00	169,853.63
73768665	571	85.000	8.700	46.00	157,158.58
73770182	546	69.531	7.500	26.00	243,176.39
70293162	566	87.586	7.950	36.00	126,827.26
71774368	556	85.000	9.850	45.00	135,937.87
73210221	614	80.000	7.300	19.00	79,851.94
73838500	540	85.000	7.750	42.00	220,844.01
74071267	643	89.011	5.990	37.00	404,596.05
73047243	525	81.122	8.990	10.00	158,912.97
74074865	533	85.000	9.400	54.00	157,171.00
74142621	606	75.000	10.700	18.00	67,474.31
65082968	610	80.000	8.990	24.00	87,853.96
73260887	563	80.952	9.600	39.00	84,959.06
74227448	576	90.000	10.650	44.00	143,944.59
74228867	628	89.897	6.150	46.00	262,246.08
71899447	514	75.000	7.990	12.00	269,818.46
71901268	512	84.898	10.500	52.00	207,917.34
73277246	618	73.204	6.050	47.00	122,129.45
74321845	628	66.667	6.850	41.00	59,949.34
71444145	524	75.000	9.500	44.00	101,200.19
71461784	569	41.379	8.450	50.00	59,963.27
71475362	614	84.384	6.150	48.00	307,702.07
73277964	653	81.720	6.950	28.00	75,937.08
73336380	511	72.727	7.750	19.00	79,943.54
72031800	528	85.000	9.990	47.00	144,435.93
71597082	740	94.444	9.550	47.00	76,462.76
72032949	520	85.000	10.100	35.00	89,211.35
73389082	669	76.000	6.500	16.00	75,931.29
65256547	598	88.200	8.990	50.00	88,002.76
65739526	514	75.000	8.750	48.00	127,277.34
72133945	578	77.778	7.500	22.00	69,948.04
72134927	567	75.000	6.700	23.00	206,070.67
65813321	550	78.947	9.990	37.00	59,866.13
72012123	561	91.636	8.650	35.00	100,642.24
72192784	533	73.308	8.500	47.00	97,440.93
71471387	599	85.000	8.500	33.00	84,948.50
71586523	545	75.000	8.450	51.00	134,917.37
71608129	556	80.000	9.100	41.00	63,965.75
64132061	605	89.722	9.250	38.00	64,464.48
73389900	614	88.530	7.200	36.00	76,960.32
73413387	624	85.000	6.550	49.00	225,048.34
71797609	524	69.767	9.850	39.00	59,972.59
71842686	601	64.000	7.950	47.00	79,945.77
69049401	544	80.000	8.250	51.00	117,525.01
72329063	533	75.000	7.500	34.00	112,416.51
72077068	585	85.000	8.500	47.00	114,680.48
71900864	704	90.000	7.450	44.00	89,932.53
71746929	697	80.440	7.750	48.00	88,387.11
65339244	655	84.667	7.990	39.00	107,656.76
71918866	609	86.905	9.500	49.00	72,964.09
72107907	598	84.000	7.900	26.00	62,956.86
72145402	617	67.419	7.750	39.00	104,426.24
72245624	525	79.412	7.950	44.00	80,945.10
72261548	625	80.000	6.990	49.00	303,750.32
72538481	653	60.000	7.100	41.00	59,951.78
72286685	541	85.000	8.990	54.00	93,448.82
72054224	506	69.615	7.650	26.00	180,869.65
73050684	605	70.588	8.350	36.00	59,962.51
73052086	697	40.799	6.300	42.00	82,750.22
72742182	625	90.000	6.400	23.00	143,867.27
73480865	664	66.964	7.300	49.00	74,942.07

72084908	547	85.000	8.500	45.00	169,897.01
72103203	545	72.667	7.990	44.00	217,853.43
73011702	655	90.000	7.400	38.00	76,442.07
72479348	595	90.000	9.250	47.00	80,958.01
73012825	528	80.000	8.050	51.00	119,920.29
70642921	539	64.808	7.250	28.00	185,854.90
71399562	703	71.429	5.850	36.00	199,795.11
73188229	638	84.617	5.990	24.00	106,933.23
72483324	659	74.627	6.250	35.00	249,762.78
70877089	598	85.000	9.990	41.00	157,180.29
68419647	555	90.000	7.500	31.00	81,716.51
73352486	538	73.333	7.990	28.00	164,889.06
71247365	597	85.664	6.750	49.00	483,583.28
71704845	641	89.912	7.300	30.00	75,941.29
73594061	598	80.000	6.750	38.00	239,793.36
71334668	551	66.316	9.650	50.00	62,969.98
71455224	549	78.491	10.150	49.00	91,010.99
73513822	555	65.000	6.900	28.00	107,160.34
72544307	572	80.952	6.990	21.00	84,836.63
73602104	539	85.000	12.150	50.00	70,530.47
64261506	553	80.000	8.600	44.00	139,664.06
67833962	510	60.000	9.700	47.00	59,971.70
73700544	599	89.608	6.990	30.00	228,312.32
72624307	635	49.131	7.500	16.00	76,792.96
73701047	536	66.923	8.250	43.00	86,944.52
71699565	571	90.000	9.400	44.00	116,941.22
73828188	510	75.000	7.550	42.00	123,659.07
73875023	555	62.162	6.850	29.00	137,883.49
71842462	539	84.213	8.250	48.00	90,892.00
69749802	538	65.000	8.500	39.00	73,405.50
69772945	590	64.667	6.550	39.00	96,913.16
71929442	537	70.588	10.600	27.00	59,976.66
72139108	535	72.441	8.500	42.00	91,944.26
74011628	651	90.000	8.990	49.00	148,418.71
71973648	540	62.069	9.500	14.00	179,911.46
72272768	613	90.000	6.600	47.00	157,360.36
71516249	656	89.714	8.250	35.00	156,899.89
67100024	545	85.000	9.700	51.00	84,959.91
67388082	548	80.000	11.800	40.00	112,766.26
74016429	541	60.000	8.900	31.00	71,959.84
70596721	681	95.000	6.700	50.00	170,851.32
72699408	604	74.390	9.800	14.00	60,971.84
72823206	548	82.524	8.990	20.00	84,953.47
74168345	548	75.000	8.990	33.00	153,665.83
74170424	541	85.000	8.500	44.00	191,134.14
74239369	594	80.000	7.900	28.00	87,939.74
74243866	518	55.224	8.750	38.00	73,957.42
74248600	681	60.238	6.500	45.00	252,771.28
72842982	606	83.803	6.750	10.00	297,243.86
72857907	624	90.000	6.990	46.00	149,097.44
73175762	579	69.697	9.990	54.00	114,949.02
73208324	592	64.067	6.650	24.00	192,031.25
74423849	721	88.676	6.900	53.00	301,247.95
72297609	567	85.000	7.400	46.00	101,922.77
72304009	779	62.885	6.250	39.00	163,344.86
72195845	515	57.143	8.990	20.00	99,945.26
72197429	556	79.818	7.450	48.00	87,734.18
69344620	612	86.806	7.500	43.00	249,627.76
68850700	713	74.038	5.650	45.00	384,590.35
71649701	617	90.000	7.700	25.00	168,180.01
73338782	520	75.000	9.050	45.00	187,398.64
73757866	715	95.000	7.750	32.00	75,946.35
69477248	525	84.793	7.200	38.00	143,073.50
71411623	521	85.000	9.900	45.00	127,442.38
71430623	601	40.268	9.550	48.00	59,970.79
67824805	567	90.000	11.350	47.00	71,952.19
65785628	596	79.638	7.990	26.00	175,521.92
64403447	548	60.000	10.100	54.00	65,581.08
73758401	505	70.000	9.300	19.00	69,964.08
73793309	511	68.478	9.100	37.00	78,707.87

67809384	609	90.000	6.500	44.00	188,657.35
75102962	555	74.667	7.750	51.00	391,723.33
72388002	657	81.566	8.750	22.00	80,703.53
73023525	612	85.000	10.700	36.00	80,719.26
73825366	538	84.846	7.850	14.00	122,940.91
71451223	635	90.000	7.990	33.00	80,914.69
71507206	530	84.091	10.700	41.00	73,971.83
69824506	598	69.014	7.750	37.00	97,861.21
69739688	532	77.679	8.990	41.00	135,864.59
69837862	575	78.824	7.500	49.00	133,900.55
73589145	565	85.000	7.990	50.00	186,874.27
73634867	556	74.074	7.990	40.00	99,932.76
69093664	561	90.000	6.990	50.00	170,859.56
71638860	603	83.333	7.500	49.00	74,944.33
71713481	638	50.288	6.750	42.00	157,490.59
69874949	532	85.000	9.400	55.00	297,350.55
73097560	531	75.000	10.500	40.00	93,712.74
70614664	524	78.049	7.350	35.00	191,853.17
72686587	613	61.200	7.750	50.00	76,446.00
72715329	541	87.742	8.990	41.00	135,925.56
70049382	555	82.051	6.150	37.00	159,845.23
70059365	531	85.000	9.550	55.00	186,908.98
73164584	647	89.999	7.250	47.00	134,893.68
71713721	627	90.000	8.550	48.00	165,500.70
72729684	618	77.922	7.850	52.00	59,958.49
72589385	547	85.000	9.500	53.00	82,409.44
70215868	525	74.048	8.990	43.00	138,394.20
71869309	515	74.815	8.200	36.00	100,934.93
71872204	622	88.832	6.300	41.00	174,835.54
73176125	515	75.000	11.500	50.00	74,976.03
68108182	543	85.000	8.250	48.00	89,135.77
73235046	551	89.552	6.990	35.00	599,506.21
72038748	598	72.222	6.850	14.00	129,890.24
72041221	507	75.000	9.300	45.00	77,210.37
73248460	563	80.000	8.450	20.00	79,951.03
73259301	608	82.841	5.950	37.00	260,687.73
67089664	564	67.244	7.750	39.00	368,380.53
72784127	638	90.000	6.400	46.00	314,709.65
74014762	515	75.000	7.750	40.00	170,879.31
72400427	727	70.145	5.750	32.00	241,747.33
73326167	608	85.000	7.950	49.00	88,340.08
72227465	553	76.456	7.500	40.00	78,691.55
72251945	566	75.949	9.400	41.00	59,465.78
72254345	608	90.000	8.800	17.00	76,456.44
73396863	556	85.000	9.500	41.00	112,569.59
70445143	531	60.000	11.400	52.00	59,980.39
70531645	520	85.000	8.500	47.00	276,082.64
71540363	605	80.000	9.650	46.00	74,364.54
70538400	526	80.000	9.750	55.00	67,968.27
70606025	577	90.000	7.100	42.00	280,574.33
74053687	571	90.000	7.990	30.00	106,128.60
74082462	604	77.011	7.650	35.00	66,951.75
70643945	647	35.584	9.050	20.00	151,917.83
72801749	523	84.848	10.990	40.00	279,899.94
73477804	552	83.333	8.400	51.00	174,891.78
70716683	594	85.000	9.250	43.00	207,292.48
74170143	554	73.529	6.500	8.00	249,773.99
74171125	534	75.000	7.500	55.00	98,926.52
72872948	605	90.000	9.300	19.00	252,770.26
74172040	689	94.120	7.500	33.00	101,574.55
72907140	541	70.114	7.500	47.00	184,263.14
70971783	530	48.160	8.250	36.00	78,449.94
70976303	518	70.000	8.600	55.00	97,941.83
74212846	565	87.500	6.990	47.00	91,799.54
73763229	538	61.176	7.900	46.00	259,821.97
72996523	534	85.000	11.350	40.00	77,324.44
71009724	584	89.714	6.990	18.00	156,698.25
74031485	604	90.000	7.400	49.00	116,911.41
73049447	602	90.000	7.150	46.00	73,570.19
71864862	636	90.000	10.250	35.00	143,939.61

71865646	530	74.884	7.500	51.00	160,880.51
71108500	526	47.742	11.200	55.00	73,974.74
71118145	571	80.000	9.300	37.00	151,922.02
74302282	673	76.471	6.990	45.00	129,893.22
74350521	612	81.818	6.800	46.00	89,923.26
74386343	608	74.706	6.850	44.00	126,892.78
71127963	648	80.000	6.600	44.00	559,503.51
74387168	645	76.640	7.100	20.00	115,407.18
69123081	650	60.211	5.990	47.00	285,714.74
69292605	625	90.000	8.800	27.00	60,265.66
72381825	548	75.000	9.850	53.00	123,693.47
71193304	629	88.861	7.050	44.00	141,884.74
71193809	539	85.000	9.200	55.00	90,477.58
71306682	550	75.000	8.550	38.00	114,681.19
71308902	541	47.879	7.990	34.00	394,734.42
70420740	556	90.000	11.400	28.00	269,911.79
73514267	683	20.833	5.990	37.00	74,925.19
70547088	512	74.375	10.600	49.00	118,953.72
72615800	619	74.836	8.250	47.00	91,241.78
72635568	647	85.000	6.850	16.00	89,923.86
72651383	562	68.776	6.990	34.00	168,361.60
70987086	526	82.759	8.500	34.00	71,956.38
71418347	564	90.000	7.200	48.00	274,283.72
71285902	523	68.293	8.500	33.00	83,949.11
71407563	509	75.000	9.050	40.00	142,422.97
71438261	521	80.000	10.800	49.00	59,977.65
71501365	549	85.000	8.990	41.00	424,767.37
71534861	517	65.000	11.300	44.00	66,274.33
71536403	522	75.000	7.500	44.00	185,112.51
70793823	613	80.000	6.700	49.00	126,290.09
70938725	617	85.000	11.500	44.00	63,729.62
71692008	550	79.231	6.990	40.00	154,373.10
71725220	603	80.000	8.700	39.00	179,895.36
71302244	542	85.000	10.250	33.00	84,964.35
71332142	530	85.000	10.250	35.00	152,935.84
72627565	639	72.549	9.600	20.00	73,964.36
71804389	642	90.000	8.350	26.00	76,452.20
71750863	525	74.000	8.300	45.00	96,078.13
72268980	548	65.697	6.990	44.00	216,621.93
72629306	632	75.881	6.990	45.00	60,358.79
71733786	611	82.540	7.100	48.00	259,791.04
72458680	530	75.000	11.750	16.00	65,980.03
71857882	622	89.292	6.400	42.00	244,774.18
71974927	540	79.310	8.250	46.00	137,912.00
72813884	660	82.109	6.750	48.00	225,605.59
71441349	569	87.368	8.250	25.00	82,947.07
71505861	542	80.000	9.850	34.00	123,943.36
72611940	580	48.500	9.700	44.00	96,954.25
71961007	638	84.979	7.100	49.00	206,334.04
71981740	644	76.636	6.250	50.00	163,844.39
72884562	751	89.462	5.700	28.00	415,561.53
72710569	574	74.836	8.990	48.00	131,639.90
72151749	632	75.000	6.500	37.00	198,570.32
72198062	610	62.105	6.990	42.00	117,903.08
72710601	581	77.000	6.650	38.00	153,864.79
72887045	613	85.000	8.500	47.00	191,134.14
72994809	541	85.000	8.850	47.00	106,190.12
72198344	567	77.419	7.990	35.00	119,919.31
72206907	642	90.000	7.990	49.00	193,819.59
72953045	607	80.000	6.700	32.00	147,871.31
73069908	504	64.322	8.600	40.00	75,854.95
73179566	609	90.000	6.990	49.00	254,490.81
72314602	593	79.478	6.650	49.00	106,406.49
72519986	518	75.000	9.990	36.00	101,205.11
74528480	549	85.000	12.650	50.00	314,421.17
72043086	504	70.000	8.100	41.00	69,953.97
73243966	550	81.935	6.900	47.00	126,893.82
73274409	539	85.000	10.550	32.00	61,175.94
72526866	785	79.999	6.100	39.00	66,658.83
72736226	581	70.079	7.350	43.00	88,931.94

72922305	601	90.000	7.900	46.00	107,926.05
71273940	564	79.630	7.100	45.00	214,827.21
68894542	555	90.000	6.750	50.00	211,134.77
60787280	652	84.776	6.250	50.00	282,638.52
73409021	629	44.439	7.650	38.00	74,945.99
72368566	594	90.000	6.900	50.00	184,345.76
72416589	536	80.000	9.500	55.00	79,960.64
71607543	776	51.628	5.900	48.00	221,774.73
72458441	552	78.793	8.990	30.00	322,873.17
68999242	538	85.000	7.990	40.00	81,489.89
71989008	564	89.744	9.500	25.00	104,948.35
72016645	704	85.000	6.500	49.00	195,323.26
72018260	585	85.000	8.900	47.00	132,526.04
72060346	604	74.737	6.750	25.00	135,903.89
67439562	603	78.095	6.350	42.00	81,846.95
74577727	537	75.000	8.990	39.00	142,421.99
74579301	601	86.795	6.250	46.00	338,178.81
72450927	522	85.000	9.800	34.00	153,778.97
74623984	677	82.500	6.400	26.00	218,918.03
72180128	558	90.000	7.990	50.00	100,732.22
68283829	538	80.000	9.650	22.00	91,911.95
72473382	542	60.000	10.950	52.00	59,978.37
69046340	672	90.000	7.650	46.00	134,804.93
72970585	572	90.000	6.990	49.00	377,689.54
73021685	654	86.757	7.950	42.00	96,234.72
69054385	536	85.000	7.990	40.00	95,920.40
71796841	510	75.000	10.650	37.00	71,222.58
71799324	558	75.000	8.990	5.00	224,876.84
72647068	616	90.000	8.450	6.00	89,944.91
73091944	677	89.998	7.350	26.00	87,877.74
73118804	533	54.585	7.500	38.00	124,907.23
73056608	602	73.913	7.990	36.00	84,942.85
72673247	659	37.501	6.200	42.00	119,885.03
73120867	681	89.527	5.900	42.00	231,835.52
73122442	711	90.000	5.750	24.00	377,605.34
73129884	592	69.231	8.050	21.00	89,940.22
71814347	600	74.966	8.400	29.00	108,632.78
71829980	632	90.000	7.650	50.00	74,646.20
72909203	557	90.000	7.500	38.00	92,631.20
74937301	565	73.684	8.750	51.00	69,959.72
73035420	623	90.000	6.500	46.00	190,357.76
72201403	531	75.000	10.500	34.00	59,976.15
71864441	510	60.000	8.950	55.00	212,882.44
74941402	532	63.536	7.990	46.00	114,922.68
73079360	641	84.524	7.200	44.00	354,720.30
73170060	584	72.917	8.400	11.00	174,891.78
71619829	537	83.548	11.450	50.00	97,719.41
71768360	573	89.302	9.750	44.00	95,955.21
71878524	531	80.000	9.500	48.00	77,561.82
71908180	697	75.000	6.990	48.00	193,341.07
73339228	631	87.600	7.990	46.00	328,279.13
71979926	593	80.000	8.750	36.00	99,942.46
71980569	548	28.333	9.550	33.00	84,958.63
71934525	613	80.488	6.990	49.00	65,945.79
71949663	547	85.000	10.250	47.00	90,911.85
73340606	551	90.000	10.900	36.00	62,977.04
72323108	603	89.321	6.750	37.00	124,941.33
72412422	632	75.000	9.900	48.00	74,966.10
71986608	601	78.161	7.350	38.00	67,947.99
72532708	606	81.412	7.750	36.00	276,604.64
72579543	616	86.000	7.990	27.00	77,347.96
73439168	577	90.000	9.500	34.00	62,069.45
72684608	541	75.000	7.250	40.00	239,812.77
72039381	556	89.552	9.500	38.00	59,970.48
73545725	528	84.962	7.990	51.00	112,924.02
72050784	642	63.387	6.990	19.00	63,947.43
72775885	547	77.009	7.450	35.00	258,556.04
73547143	524	72.857	8.650	36.00	254,850.22
64878101	624	78.462	5.875	18.00	101,097.17
72799141	632	68.828	7.700	29.00	191,204.58

73593444	619	85.000	9.500	46.00	95,153.17
73594228	537	85.000	9.990	55.00	110,451.00
72868748	648	85.000	9.150	25.00	75,185.17
72913023	556	59.750	9.600	37.00	71,600.57
72473283	543	75.000	12.650	53.00	161,210.09
73704306	533	52.000	8.800	48.00	155,911.17
73763427	570	90.000	7.990	50.00	96,235.25
72166200	530	82.581	8.250	37.00	127,918.37
73138026	583	87.000	8.990	26.00	86,952.38
73164329	583	85.000	7.990	32.00	234,442.27
73954125	647	86.667	10.990	34.00	324,883.86
73956260	670	81.633	6.500	41.00	199,819.19
64947443	594	90.000	8.750	29.00	76,021.89
72201585	578	72.329	6.990	34.00	263,783.17
74044827	653	88.062	7.200	37.00	92,926.72
73164642	732	90.141	6.150	49.00	127,876.18
74173568	533	76.500	10.150	29.00	76,401.19
74174863	762	75.000	6.150	23.00	183,647.18
69348886	524	70.000	7.990	54.00	66,410.28
66971706	639	90.000	10.700	41.00	141,137.21
73522021	644	80.858	6.990	50.00	95,921.15
73273880	570	74.227	9.650	30.00	163,222.17
73275562	525	85.000	9.100	20.00	131,679.51
73322448	523	85.000	8.100	21.00	312,594.34
65180861	609	81.086	8.990	49.00	122,977.06
68245786	607	75.000	8.990	49.00	86,952.38
73503401	541	60.000	8.800	49.00	125,928.25
72274426	512	70.000	10.350	49.00	83,965.52
73536443	644	90.000	7.500	47.00	283,289.60
73537102	511	74.839	8.500	51.00	115,929.73
68936384	529	70.000	9.990	36.00	60,872.99
72276868	582	90.000	7.500	45.00	80,939.88
73585028	528	85.000	9.900	29.00	72,217.34
73624942	582	80.000	8.900	48.00	59,966.53
73660581	543	65.143	7.100	50.00	227,816.76
73662884	556	86.777	7.750	42.00	182,970.76
73666083	645	68.090	7.800	34.00	59,958.07
73715765	593	90.000	8.990	41.00	105,242.35
73720260	545	85.000	8.600	22.00	161,404.16
73723629	629	43.140	7.900	49.00	249,827.82
73724684	571	80.000	8.990	48.00	359,802.94
72296262	540	46.980	8.900	55.00	139,921.91
73775165	685	93.283	6.990	48.00	154,722.81
68632140	641	80.000	7.950	39.00	63,890.66
73887200	550	90.000	9.350	41.00	116,041.05
69586543	535	75.000	12.250	27.00	149,959.40
72304660	554	90.000	10.950	50.00	90,867.23
73575201	559	67.391	7.250	23.00	92,927.45
72613045	575	85.000	9.800	42.00	104,501.74
66691262	528	85.000	9.990	41.00	216,653.90
67755025	651	62.727	7.200	49.00	68,890.93
73965543	573	33.333	7.990	31.00	59,959.65
74035965	528	61.224	8.990	33.00	59,967.15
69502441	619	85.000	6.250	48.00	109,441.37
72345440	532	66.613	7.150	55.00	206,335.68
74079427	568	80.636	6.990	35.00	139,385.42
74147406	534	43.750	8.750	47.00	174,899.31
74148941	649	32.957	8.350	31.00	119,925.03
74231960	513	68.182	7.990	55.00	112,424.35
67241620	585	75.000	8.200	42.00	164,678.92
70640040	557	63.158	9.650	44.00	59,971.40
69324028	672	71.219	5.750	46.00	145,348.09
74317801	577	65.357	8.250	28.00	182,883.31
74454547	660	81.600	6.650	31.00	101,795.73
69687721	642	46.163	9.200	40.00	69,963.33
73162562	563	90.000	6.750	22.00	278,759.79
68149483	523	75.000	9.990	46.00	125,194.47
69226868	681	92.694	9.100	32.00	333,521.48
71128664	623	85.794	7.450	39.00	91,731.19
70635925	524	85.000	10.450	29.00	135,945.36

71256044	555	90.000	8.990	45.00	172,705.41
73903742	556	85.000	10.150	40.00	148,686.27
73963761	566	88.889	6.900	37.00	159,866.23
71461487	643	66.667	8.550	47.00	59,964.02
72401649	612	90.000	7.250	50.00	242,810.44
73146169	549	75.000	9.550	44.00	153,675.16
71334122	551	68.769	8.990	52.00	446,755.33
71705941	539	63.492	8.800	41.00	199,886.12
72402605	640	88.571	7.200	40.00	216,829.02
72431620	549	70.000	8.400	28.00	139,913.42
67885525	573	90.000	7.990	34.00	75,549.17
68861483	503	72.555	10.990	50.00	112,419.81
71832802	756	70.755	5.750	26.00	149,843.39
69564086	609	84.987	7.650	37.00	63,694.09
72443120	552	85.000	8.750	35.00	110,436.42
71877427	538	75.000	8.150	23.00	131,164.58
71898365	619	86.501	7.750	50.00	136,432.66
70480041	698	83.696	6.250	45.00	307,707.76
65930182	723	78.947	5.990	55.00	149,548.90
71703565	653	90.000	7.850	50.00	161,887.94
71824064	534	75.000	9.650	39.00	161,922.80
70416201	680	80.000	8.500	29.00	101,538.45
71891428	584	89.821	8.500	47.00	251,347.64
69953669	602	76.471	9.550	42.00	64,968.36
71949945	606	80.000	7.800	47.00	102,728.17
71541643	529	70.000	7.990	44.00	113,323.76
71954747	510	71.209	8.100	46.00	78,278.50
73567547	694	95.000	7.500	48.00	108,219.63
72098866	552	84.146	9.800	7.00	206,904.44
72177827	631	89.993	7.050	18.00	68,594.28
71639488	529	80.628	8.850	28.00	153,913.21
71992887	537	75.000	11.250	46.00	77,223.92
71807861	633	78.060	7.700	27.00	67,152.09
72242985	563	72.727	7.250	32.00	119,906.38
72068844	689	95.000	7.250	48.00	90,179.59
72069123	633	89.873	6.600	26.00	354,685.26
71877302	581	75.714	8.650	33.00	84,750.19
70707864	543	74.000	9.500	23.00	66,567.24
73178220	633	87.500	6.250	42.00	139,867.16
71923387	795	86.517	7.750	51.00	76,204.24
72299928	527	85.000	10.900	46.00	67,975.22
72123367	672	63.889	7.900	34.00	68,952.75
72124126	541	55.000	9.900	31.00	71,467.69
72501646	619	90.000	6.850	46.00	89,924.01
72515026	637	90.000	6.400	27.00	175,338.23
73181000	549	80.000	7.150	38.00	207,834.48
72056401	535	80.000	9.600	26.00	75,963.39
72316961	573	90.000	8.500	42.00	82,749.83
67106385	579	86.957	6.990	50.00	99,835.24
72106545	710	79.167	5.950	32.00	189,809.03
70878749	545	80.000	9.500	55.00	111,944.91
72517105	600	84.923	6.400	37.00	110,298.24
74436981	709	53.222	7.950	38.00	184,874.60
73305344	649	68.966	11.050	54.00	59,868.65
73306441	503	64.815	9.200	35.00	87,372.27
72533946	609	90.000	6.950	50.00	314,739.24
69719300	560	80.000	8.500	37.00	407,503.91
72883325	547	72.500	10.600	53.00	72,471.80
73186629	532	62.769	7.750	52.00	203,856.01
72529183	591	80.000	9.750	37.00	73,965.47
72540982	510	68.966	9.990	37.00	59,973.40
72437205	544	42.480	9.350	31.00	106,146.09
72578180	623	62.893	8.550	38.00	59,804.90
72058746	550	61.644	7.500	30.00	89,933.20
72551203	616	65.000	7.750	47.00	103,926.60
69765527	585	90.000	9.250	48.00	140,645.72
72796220	582	90.000	6.990	50.00	202,333.68
69800167	559	85.000	7.750	38.00	114,587.48
72563505	561	78.431	6.300	29.00	119,887.23
72567746	637	82.500	6.750	49.00	185,465.17

72519085	685	89.247	7.500	15.00	82,938.40
72542285	525	75.000	10.100	54.00	59,974.01
72061948	542	75.000	8.400	31.00	97,439.70
68311802	508	75.000	10.350	44.00	62,920.73
68379387	597	85.000	8.250	31.00	101,934.95
69104008	557	80.000	8.650	29.00	71,158.17
69314789	531	75.000	11.990	54.00	97,472.04
65183063	580	73.684	8.990	25.00	139,689.99
72599327	551	72.816	9.400	46.00	74,962.32
72602444	699	58.333	5.950	22.00	332,165.82
72612641	527	82.500	8.050	38.00	125,316.71
72612880	527	64.082	7.600	36.00	156,885.79
71443246	525	75.000	10.750	35.00	63,725.99
71501944	571	90.000	8.200	43.00	125,918.82
71522346	570	66.541	8.650	17.00	88,448.02
71533384	537	64.864	9.400	52.00	81,039.27
57903700	576	90.000	8.250	48.00	170,334.39
73522203	694	73.547	5.650	48.00	194,692.61
72854581	600	79.630	7.500	49.00	85,936.17
72619380	590	70.526	6.990	48.00	133,889.94
72624901	568	90.000	9.900	30.00	87,260.55
72414923	541	65.500	9.550	46.00	65,468.11
73418766	689	82.742	6.650	39.00	276,941.63
71299044	526	24.510	10.400	29.00	124,949.24
72632102	542	85.000	8.990	34.00	97,696.49
72637945	607	89.697	6.700	40.00	147,871.31
71604524	532	78.571	8.600	22.00	93,444.50
73018400	649	89.612	8.990	28.00	92,249.47
71644884	657	90.000	6.990	36.00	67,444.56
72648009	543	67.405	6.990	19.00	212,825.06
71768626	612	70.543	8.400	41.00	64,719.00
63749964	643	68.421	7.990	29.00	64,823.41
72651664	527	59.064	8.350	55.00	100,936.89
61030201	620	90.000	8.500	47.00	223,239.98
72666100	633	84.545	6.500	23.00	139,373.89
72125545	666	86.503	6.250	46.00	140,866.21
71711444	536	66.667	9.990	54.00	119,946.80
72668841	567	76.418	6.700	50.00	511,554.84
73090722	527	75.000	8.990	50.00	59,967.15
72143324	592	85.000	8.100	38.00	233,596.31
68571249	564	65.000	8.990	48.00	168,814.29
72680606	552	84.928	6.750	44.00	292,747.73
65485708	558	81.731	9.600	49.00	212,085.70
72689169	617	90.000	7.750	47.00	274,306.25
71752141	630	89.999	6.950	44.00	193,319.83
72525405	531	74.000	8.650	38.00	147,913.06
72694060	641	75.355	7.500	40.00	84,936.91
71774889	578	90.000	9.700	19.00	83,660.53
70064183	501	57.500	9.900	30.00	91,958.42
70193222	536	65.000	10.450	38.00	66,217.65
71783203	686	95.000	7.990	37.00	172,783.75
72948300	528	50.190	7.250	54.00	315,953.33
70691761	536	62.500	9.990	37.00	74,966.75
72760069	576	37.500	9.350	40.00	74,961.93
70766423	652	90.000	7.250	39.00	114,210.83
72703226	548	74.780	8.990	35.00	129,299.19
72714447	536	85.000	10.250	45.00	222,606.61
66431743	687	90.000	7.990	27.00	89,817.23
72857329	544	83.509	8.300	54.00	237,849.78
71351860	524	77.607	7.990	41.00	126,284.97
71444004	516	74.543	8.400	42.00	244,348.80
73175085	636	89.861	7.500	50.00	323,259.92
71757645	623	90.000	7.990	41.00	311,190.63
72737125	586	78.750	10.300	42.00	94,380.32
72964448	521	84.956	9.750	40.00	110,391.47
72750847	507	65.000	9.350	21.00	64,967.00
72757701	528	75.000	8.850	42.00	128,927.30
72994742	604	90.000	7.800	47.00	346,257.89
73067829	580	85.000	7.750	43.00	65,828.50
73120024	504	72.245	9.400	38.00	176,911.08

72787047	610	77.476	7.600	49.00	150,890.15
72794308	540	75.000	9.990	49.00	108,606.59
72797186	672	80.000	6.200	37.00	115,888.86
72799240	627	90.000	6.100	49.00	143,859.36
72024128	523	75.000	9.700	46.00	97,454.03
72024383	541	77.215	7.500	36.00	304,773.64
66889643	761	42.383	5.750	36.00	125,603.43
73175960	597	90.000	7.750	47.00	431,695.09
72029762	523	85.000	9.300	33.00	97,699.85
72051121	613	75.949	9.500	13.00	59,970.48
65443442	551	84.731	7.250	40.00	266,906.90
72629561	558	84.000	8.250	43.00	71,354.47
72060841	739	89.000	5.800	47.00	133,301.35
72806722	530	80.000	8.900	47.00	231,870.61
72807605	607	90.000	8.250	36.00	292,313.48
72807704	533	75.000	9.450	48.00	74,962.72
72815822	635	80.000	7.450	26.00	235,823.09
73295305	511	63.830	9.990	54.00	59,973.40
73296188	527	85.000	12.500	44.00	118,969.54
73323180	524	75.962	8.550	30.00	98,478.26
73256380	547	83.368	9.750	27.00	79,163.04
73362469	748	68.500	5.850	16.00	136,522.86
73362766	510	52.766	9.150	20.00	61,967.17
72756505	505	75.000	11.600	22.00	74,976.55
72835168	541	71.698	9.150	44.00	75,959.76
72839103	612	58.353	6.750	40.00	247,786.47
72102320	507	65.789	8.350	46.00	124,921.90
72854607	606	90.000	6.990	45.00	157,370.64
73307266	526	61.379	8.500	28.00	88,946.08
72873722	560	75.000	10.950	48.00	71,224.32
73353609	533	79.907	10.250	31.00	85,464.14
73487324	550	74.999	7.850	23.00	147,397.98
72145600	627	85.000	8.750	50.00	174,149.74
72875024	532	69.143	8.700	30.00	120,929.66
72878580	633	86.667	7.600	48.00	181,867.61
72347040	617	84.697	6.950	45.00	279,268.62
72888605	590	85.000	8.990	40.00	71,360.92
69170165	534	81.286	7.990	54.00	170,585.23
72347081	550	90.000	8.750	49.00	144,816.63
73495129	532	75.581	7.750	54.00	162,385.31
73500324	642	89.091	6.450	48.00	146,865.81
65232589	635	90.000	7.100	47.00	340,890.80
72915820	599	87.500	7.990	20.00	102,306.17
70046248	639	89.560	7.550	48.00	162,880.23
72353766	597	86.543	7.500	49.00	350,239.88
70137203	567	76.190	8.300	35.00	239,695.97
70658307	627	90.000	9.500	50.00	148,426.96
70705447	703	85.000	7.750	27.00	106,175.01
72942444	529	55.000	10.300	31.00	98,958.92
73738288	547	75.000	7.990	33.00	168,636.53
73627747	611	85.000	6.100	45.00	339,667.94
70786587	563	74.865	10.350	47.00	276,886.31
72943244	614	73.655	7.950	38.00	106,727.60
72963549	612	71.765	6.750	40.00	121,894.96
71108484	541	84.074	9.990	53.00	226,899.36
67555565	608	82.353	8.850	42.00	349,403.91
67951665	723	95.000	5.750	27.00	161,938.72
67835264	636	84.444	8.990	11.00	227,875.20
68021849	759	50.625	5.500	48.00	153,239.05
72974124	508	65.157	8.150	55.00	120,461.55
72442262	573	90.000	8.500	48.00	83,199.56
72443567	523	74.684	7.850	47.00	117,918.38
73690182	527	80.000	7.990	52.00	101,531.69
73745846	592	71.200	7.950	38.00	88,847.96
69764306	542	75.000	9.990	32.00	87,711.09
72978687	605	70.545	6.850	36.00	290,754.32
72446586	673	85.000	7.450	35.00	97,676.72
72474141	527	85.000	10.500	50.00	80,717.90
71487441	529	74.717	7.350	48.00	197,848.58
70584982	629	80.000	8.400	50.00	103,935.68

71589402	651	58.507	6.550	19.00	195,824.52
71688840	632	68.182	6.100	46.00	239,765.61
70478565	569	90.000	6.800	38.00	139,710.68
72534423	617	88.889	6.850	50.00	479,593.75
72545585	567	80.000	8.900	36.00	299,832.68
72575228	694	59.036	6.050	46.00	139,861.95
70790340	617	84.234	7.500	27.00	115,314.35
70852603	679	87.500	6.350	45.00	122,385.99
65834020	626	82.162	6.250	33.00	150,712.57
72994122	534	71.098	8.150	44.00	181,182.00
73002206	558	74.380	10.990	23.00	179,935.67
72603244	520	82.075	8.350	44.00	173,891.29
73006025	632	90.000	7.500	44.00	139,396.47
70945704	591	94.545	7.900	39.00	363,750.75
71027882	614	89.552	9.100	33.00	59,967.90
73011488	592	90.000	8.100	46.00	179,881.65
73014102	536	85.000	9.990	54.00	95,157.79
71906986	636	78.905	6.750	50.00	97,915.62
73017105	535	65.000	10.990	54.00	64,924.80
72706062	600	85.000	6.850	29.00	178,349.30
71346506	512	63.158	11.950	49.00	59,982.64
73030660	577	82.857	6.990	27.00	144,880.91
72051865	526	63.830	9.500	31.00	59,970.48
72053283	603	79.286	7.200	40.00	166,368.81
73038341	522	75.000	9.350	41.00	64,467.25
72142425	699	80.000	7.450	54.00	267,800.10
71649586	618	72.692	7.990	38.00	188,872.93
72738040	627	90.000	7.700	44.00	97,130.70
71700504	583	83.333	6.500	21.00	212,307.89
72190523	570	69.364	8.700	24.00	119,930.24
69411288	656	90.000	7.990	46.00	60,218.65
71794069	543	77.358	7.990	39.00	204,862.17
71815740	707	89.391	6.100	53.00	513,498.01
73931826	575	78.684	6.550	43.00	149,366.15
72744725	505	58.929	8.750	35.00	82,452.53
72598907	634	90.000	6.990	49.00	274,274.54
71930143	724	95.000	8.250	29.00	100,635.78
72604960	574	80.000	7.550	49.00	79,941.21
71932404	595	89.196	8.350	35.00	99,837.59
72927106	617	78.545	6.450	49.00	215,802.82
72792286	592	85.000	7.050	50.00	182,601.67
71933824	681	94.955	7.550	44.00	104,331.88
71974042	613	86.897	7.990	48.00	125,915.28
71974760	528	74.118	10.990	43.00	62,977.49
73047102	587	77.000	10.150	49.00	60,034.27
73047722	553	75.000	10.300	25.00	82,465.77
72044662	612	75.000	6.650	43.00	412,137.83
73059503	527	75.000	7.400	50.00	127,403.46
73069866	557	71.914	9.500	39.00	66,847.10
58000266	553	86.859	7.990	29.00	67,472.06
72050404	689	93.944	8.700	33.00	84,500.85
73076481	562	85.000	6.400	34.00	126,108.65
64621469	552	76.293	8.990	41.00	176,608.09
72179161	619	90.000	7.990	41.00	116,921.34
74077363	562	74.153	7.500	34.00	131,152.59
74082249	599	81.803	8.200	45.00	96,464.81
70303581	688	90.000	7.550	39.00	84,475.28
72231046	565	84.320	7.200	48.00	173,563.14
73103400	603	73.319	5.990	37.00	333,267.26
72271687	631	90.000	11.750	39.00	95,346.93
73112088	607	80.000	9.100	49.00	59,911.29
73114720	635	90.000	8.300	45.00	71,954.55
73119406	632	90.000	6.650	29.00	142,974.35
73131203	524	75.000	8.450	18.00	82,449.50
73122103	549	80.000	7.500	44.00	131,902.03
72344021	564	90.000	8.650	28.00	103,439.20
72411226	632	83.887	6.300	49.00	222,091.10
72483381	564	78.125	7.750	44.00	124,911.77
73203861	591	85.814	6.750	29.00	184,341.14
73248585	580	82.000	6.150	21.00	204,801.71

70290804	611	80.000	6.150	44.00	323,371.59
73276123	659	61.178	6.350	47.00	160,850.16
72572605	552	41.991	7.750	21.00	96,931.54
72737265	609	80.000	7.650	50.00	99,927.98
72742885	612	74.750	9.100	46.00	149,420.02
72742927	555	90.000	6.990	39.00	287,763.46
65065500	549	53.425	9.500	51.00	194,611.74
73123606	629	89.910	7.400	45.00	300,971.95
73124349	711	90.000	6.250	42.00	328,188.30
73411027	590	84.802	7.550	27.00	192,358.56
73132920	583	85.000	10.750	40.00	81,569.27
73133282	649	81.923	6.990	49.00	106,412.52
73137606	686	84.423	6.300	35.00	131,424.95
72914542	534	85.000	8.750	41.00	191,139.96
73139586	768	58.170	6.500	48.00	89,918.63
73145401	606	70.588	8.350	30.00	59,962.51
73145526	576	90.000	9.990	44.00	79,164.88
73148207	585	82.759	7.250	37.00	59,953.19
66836180	511	75.000	10.050	32.00	81,678.13
73156200	601	90.000	6.850	50.00	106,110.34
73192742	591	83.111	10.450	48.00	186,924.88
73196065	567	90.000	8.990	42.00	109,739.90
73198301	504	65.934	9.700	22.00	59,917.86
73202228	610	90.000	8.450	47.00	163,699.74
71835664	632	50.424	8.200	26.00	69,455.23
73209942	544	80.000	9.500	42.00	83,958.68
73228488	654	86.446	6.750	33.00	120,919.80
69848927	563	78.879	9.750	24.00	91,414.27
64455488	729	85.000	6.990	25.00	83,093.54
73252660	629	83.607	8.990	38.00	152,916.25
73257628	638	74.074	7.350	16.00	99,923.52
73263568	541	85.000	9.500	51.00	80,710.28
73267106	605	90.000	7.450	28.00	139,395.42
73269425	626	77.923	7.600	42.00	101,226.31
73274763	621	90.000	8.950	45.00	111,538.40
73278400	562	76.543	10.250	33.00	61,973.99
68109503	505	75.000	11.750	24.00	59,981.85
73279861	531	69.355	10.100	31.00	85,962.75
68526987	698	66.067	5.650	12.00	107,044.46
68807262	755	90.000	10.250	50.00	61,598.06
73299000	533	84.751	9.750	34.00	76,664.21
73315749	634	80.000	8.550	22.00	59,964.02
73324568	661	89.786	5.650	40.00	125,566.25
69706802	526	75.000	7.300	46.00	254,604.88
66082504	623	80.000	8.450	47.00	112,790.24
73209561	681	72.457	6.990	39.00	150,875.98
73331068	534	75.000	9.400	55.00	82,458.55
68037886	589	85.000	9.250	34.00	93,402.67
73336166	578	82.500	7.900	48.00	148,398.32
70631460	532	75.000	11.850	39.00	95,221.82
73339509	627	72.222	8.450	21.00	64,960.21
71055404	564	83.333	9.250	48.00	59,968.89
73345308	569	69.630	10.300	21.00	93,960.99
73349383	601	85.000	8.500	29.00	118,078.42
71296701	598	75.000	8.500	45.00	121,426.40
73353583	642	57.143	5.750	20.00	399,582.37
73363541	601	78.526	7.900	25.00	106,721.87
69950228	720	84.563	6.100	41.00	134,719.75
73391286	550	74.074	7.500	48.00	99,925.78
73392425	636	90.000	8.350	47.00	431,730.10
73396541	611	78.689	7.350	47.00	95,926.58
71565840	588	75.000	11.150	45.00	59,979.29
66925348	638	90.000	8.750	49.00	516,600.25
71839260	606	74.444	8.900	26.00	66,962.63
73402463	592	74.608	7.990	36.00	76,048.83
73402927	618	56.452	5.800	49.00	349,638.03
71766307	525	63.636	8.500	35.00	69,957.59
73415028	625	68.985	6.750	47.00	80,643.50
72026545	528	40.000	9.550	35.00	59,849.15
73423600	604	65.041	9.150	23.00	79,957.64

67029504	786	44.944	6.250	46.00	199,427.71
71766323	615	84.333	6.250	33.00	252,759.94
71812085	529	82.364	9.850	33.00	106,201.47
71813141	567	75.397	8.990	47.00	94,948.00
73427262	599	82.167	10.100	19.00	73,917.97
71883169	582	86.833	7.750	45.00	156,189.68
71884688	519	60.000	11.600	51.00	59,981.24
71929269	540	74.150	9.350	21.00	108,944.66
73430225	528	85.000	8.750	52.00	80,703.53
73438384	618	89.437	8.900	49.00	126,929.17
71931620	525	34.043	7.950	39.00	79,945.77
71934947	609	90.000	6.990	48.00	359,704.32
72106784	547	85.000	9.900	40.00	197,960.49
73438681	574	90.000	7.950	50.00	179,877.99
72339625	531	85.000	8.500	48.00	95,142.32
73439127	616	90.000	7.990	50.00	215,854.77
73443921	649	90.000	7.850	43.00	148,577.16
69105906	585	75.000	10.500	30.00	61,475.56
70913843	518	72.993	7.990	39.00	99,932.76
72215783	637	79.401	6.650	49.00	211,813.86
67814103	528	85.000	7.990	45.00	93,373.85
71066567	630	81.176	7.400	49.00	206,843.27
73472441	547	70.000	9.500	49.00	220,391.54
73475121	552	85.000	8.990	47.00	161,411.59
70105549	534	76.563	7.700	55.00	97,930.12
73486102	605	88.182	8.500	45.00	96,941.23
72413404	658	85.671	6.990	49.00	112,907.19
67051300	763	49.690	5.500	26.00	143,624.64
73491243	522	75.000	9.900	47.00	73,466.78
71486344	536	85.000	10.350	52.00	81,566.50
64012024	506	75.000	10.150	49.00	149,739.62
70664966	509	75.000	7.990	42.00	212,107.29
73494767	580	49.123	6.250	25.00	139,867.16
73494882	548	85.000	8.990	52.00	76,458.12
73499428	530	71.429	9.550	52.00	389,810.18
73507261	584	84.828	8.850	44.00	122,930.69
71623607	729	94.909	6.300	42.00	260,754.73
70720909	530	70.000	10.950	40.00	109,160.63
70724620	623	85.000	7.300	46.00	509,606.08
71081889	715	90.000	7.300	41.00	127,701.29
73508004	522	75.000	9.750	48.00	86,209.75
73521569	603	90.000	7.100	48.00	166,366.19
65842742	627	74.671	5.990	50.00	226,087.51
72159403	597	90.000	7.600	43.00	251,816.69
72247489	629	90.000	7.450	32.00	115,563.30
73527582	650	86.029	6.500	49.00	233,788.46
72589047	513	75.000	8.550	29.00	344,793.14
72845746	537	79.412	9.950	49.00	67,469.82
73559528	548	80.000	7.250	40.00	143,088.29
72877624	562	34.651	7.750	35.00	74,447.42
73570707	733	67.024	5.700	49.00	99,894.59
73573503	572	75.000	8.750	29.00	68,585.51
73593568	574	74.318	7.990	34.00	65,288.83
69039485	521	61.702	6.990	21.00	173,568.77
73252348	629	73.714	5.800	28.00	257,733.17
73596165	600	90.000	7.750	45.00	125,911.07
73599367	569	90.000	8.500	36.00	202,377.33
73600447	609	85.000	9.950	47.00	82,413.13
72462625	634	80.000	8.500	36.00	59,963.65
73611626	603	82.500	6.200	19.00	141,764.05
73611667	532	65.000	7.990	41.00	162,390.74
73611980	574	85.000	10.500	32.00	87,515.20
72564768	536	85.000	8.150	22.00	142,707.06
73626046	542	85.000	9.800	38.00	135,937.22
72567803	526	60.000	8.990	40.00	74,359.27
72616220	687	95.000	6.500	22.00	388,198.74
73627580	564	77.264	7.850	28.00	134,347.00
73332660	781	84.999	5.850	46.00	100,726.50
72735004	565	90.000	7.990	47.00	74,649.77
73637068	537	80.000	8.250	52.00	431,724.52

69328946	529	62.500	7.500	28.00	247,674.42
69391142	532	75.909	8.250	51.00	166,780.87
73405565	538	70.066	6.990	50.00	106,412.52
64771744	668	80.000	7.150	45.00	235,242.09
73656803	610	86.264	7.650	47.00	156,886.94
64858368	510	59.386	11.900	43.00	173,793.32
73675720	544	68.276	8.350	49.00	98,938.15
73681082	612	90.000	8.350	50.00	180,786.98
73684144	607	88.702	8.250	44.00	184,382.35
73598203	532	85.000	10.500	45.00	99,410.48
73599706	688	84.906	6.050	42.00	449,556.28
73723041	677	18.434	8.100	39.00	77,948.71
73728982	548	75.000	7.800	23.00	97,431.87
74977828	560	85.000	10.450	52.00	150,389.56
73734485	536	85.000	8.990	24.00	199,640.66
73629149	584	78.947	10.200	29.00	74,968.21
75069260	651	89.869	7.750	50.00	103,276.05
69594000	542	82.167	10.100	53.00	123,196.62
70635602	578	73.770	8.990	43.00	89,901.09
75102061	572	71.111	9.990	45.00	319,858.13
69672483	540	85.000	9.250	39.00	135,929.49
75138883	629	90.000	7.990	44.00	87,241.30
68417369	662	78.532	6.500	50.00	427,224.05
73745242	537	84.575	9.300	54.00	152,071.94
73748683	591	85.000	7.550	46.00	365,231.44
73652844	636	77.419	6.800	38.00	239,795.37
64960545	646	84.444	9.550	37.00	189,625.21
73758369	542	85.000	9.750	43.00	61,116.75
73759565	584	85.000	8.750	44.00	105,339.35
73760522	577	82.143	7.500	48.00	114,914.65
71097109	660	90.000	8.500	49.00	82,749.83
73716847	660	58.997	7.450	37.00	59,955.02
60995446	606	74.872	8.600	30.00	145,560.51
73751703	524	77.433	7.250	9.00	186,854.12
73774622	561	79.560	8.500	35.00	117,677.67
73769762	645	85.000	7.100	33.00	102,576.49
66090721	557	87.589	7.900	40.00	123,244.61
73771966	590	89.286	7.850	37.00	224,844.37
71392286	530	52.381	8.750	32.00	109,936.70
71618623	581	84.234	9.500	54.00	93,454.01
73790743	615	80.000	8.450	50.00	84,663.89
73928723	527	82.791	8.750	49.00	177,897.59
73961740	520	74.375	9.500	50.00	89,206.09
74002163	570	89.965	8.990	35.00	89,016.25
74007121	649	29.196	6.450	48.00	103,552.38
71786701	605	86.826	7.750	28.00	144,897.66
71811863	582	85.000	10.450	41.00	62,874.72
73812323	609	69.858	6.600	5.00	146,570.94
73820102	566	90.000	8.950	20.00	66,113.49
74045121	505	75.000	7.500	16.00	278,792.94
71831580	691	87.850	7.990	48.00	175,581.87
73824245	571	85.662	8.500	48.00	217,450.19
73832081	738	95.000	8.800	36.00	213,628.28
74116542	691	66.582	5.800	24.00	262,728.00
71901581	590	85.000	8.300	39.00	331,290.76
65427346	599	90.000	8.250	48.00	170,670.62
74108168	658	82.500	6.750	36.00	98,872.87
74109026	612	22.414	7.990	47.00	64,644.50
71937288	558	82.126	7.450	39.00	169,872.57
71978944	526	85.000	8.650	32.00	84,950.07
73837080	553	80.000	10.250	37.00	78,367.12
74646423	661	90.000	6.750	49.00	154,666.72
74136342	605	74.667	6.350	18.00	279,739.41
73890402	564	85.000	8.250	49.00	174,138.88
73927345	521	75.000	10.550	52.00	215,915.08
73849887	533	85.000	8.990	50.00	129,129.27
74126640	562	90.000	7.500	49.00	247,316.32
72005549	590	90.000	10.250	23.00	69,270.94
74179920	556	74.274	7.700	53.00	434,190.22
74217787	541	73.558	6.990	46.00	191,092.92

74220708	567	86.538	7.990	38.00	134,909.23
74224502	552	83.759	10.600	21.00	114,705.37
73809386	624	84.941	7.750	34.00	144,298.08
73843708	509	71.591	8.250	52.00	314,799.14
72041965	590	90.000	10.250	47.00	105,255.84
74001967	552	70.830	6.800	38.00	477,692.37
74003708	600	90.000	8.400	47.00	130,419.30
64412661	609	45.972	7.500	30.00	79,469.92
72081540	605	80.000	6.990	48.00	127,894.87
74158767	531	80.000	8.500	55.00	267,837.64
72083025	514	75.000	7.600	7.00	288,539.95
74189200	529	72.727	7.500	49.00	199,851.57
63331326	565	84.507	12.550	50.00	59,938.28
74212200	559	84.797	6.500	38.00	395,642.01
72161102	617	90.000	8.450	41.00	224,862.29
73854846	637	80.000	8.450	49.00	91,943.68
74224544	774	95.000	6.250	42.00	156,601.27
74314865	641	78.806	6.300	19.00	263,751.91
74678525	652	84.701	6.450	50.00	113,396.39
74320045	539	65.844	9.750	48.00	159,925.35
73894487	641	90.000	6.350	50.00	107,899.48
73739427	671	59.286	7.050	42.00	82,521.78
74321621	797	59.200	5.650	40.00	443,527.57
74360967	572	90.000	7.600	41.00	107,921.43
74365263	539	78.750	9.850	26.00	62,845.89
74365909	662	85.000	5.850	50.00	424,564.63
74405903	625	90.000	8.250	50.00	157,399.56
74287525	550	80.056	7.450	50.00	355,982.95
74702028	503	57.377	8.800	44.00	175,000.00
74311861	581	90.000	8.150	49.00	132,213.89
74336686	616	83.636	8.990	43.00	137,924.46
73782666	710	83.916	7.990	46.00	599,596.59
73895187	547	85.000	8.750	50.00	178,397.29
72309602	567	90.000	8.650	47.00	118,730.22
74407206	594	86.466	6.800	48.00	114,901.95
72310303	674	59.412	10.650	22.00	60,462.31
72313349	542	85.000	8.800	53.00	170,752.71
74408204	698	90.947	7.600	49.00	86,337.15
74732660	656	42.421	6.700	32.00	160,860.02
69409449	541	60.000	7.250	29.00	59,953.19
74450321	716	87.174	7.300	32.00	142,190.09
74452467	681	90.000	6.750	35.00	269,767.53
74762881	526	75.000	9.500	42.00	59,970.48
65858789	725	71.405	8.100	47.00	86,228.42
74764945	508	56.478	9.250	53.00	169,911.87
72535826	508	75.000	10.990	53.00	59,930.59
73904229	530	75.000	8.990	37.00	149,917.89
74514340	702	90.000	6.500	15.00	190,545.20
72599905	556	82.558	9.400	44.00	141,928.66
75228809	585	72.656	7.450	19.00	116,250.00
73914202	578	78.750	6.250	49.00	125,880.44
74414988	543	85.000	9.500	25.00	186,908.02
74583063	667	58.140	6.350	48.00	124,883.66
73923724	579	72.952	6.850	27.00	76,535.33
69874105	533	67.000	10.350	20.00	63,501.30
74463464	517	51.163	9.250	44.00	109,942.97
74789801	621	88.172	5.990	42.00	409,591.05
74603481	626	90.000	6.300	50.00	73,730.64
74605387	558	79.245	7.990	50.00	209,858.80
72763121	659	87.097	7.550	24.00	134,900.81
72821986	629	80.024	6.250	34.00	166,450.91
74509688	679	90.000	6.550	18.00	305,726.04
72631864	535	83.741	9.500	54.00	112,994.39
73932840	525	84.848	8.250	55.00	419,732.18
73933129	538	63.781	8.990	32.00	66,933.34
74510223	601	89.756	6.700	49.00	183,840.01
74514100	588	85.000	7.100	39.00	173,260.64
72886344	520	79.429	7.990	48.00	138,906.54
74832940	538	71.429	8.700	32.00	99,941.86
72910326	780	41.217	5.950	27.00	99,899.49

72893241	566	69.424	8.750	46.00	86,036.47
73942286	552	83.500	8.990	41.00	333,817.18
72986763	568	87.514	8.990	28.00	75,658.56
73945248	526	64.500	9.990	49.00	77,365.69
74514860	699	80.000	7.200	35.00	105,516.79
74611120	542	39.095	7.600	27.00	94,930.89
73950966	530	85.000	7.900	50.00	146,099.89
73952467	637	74.730	5.700	47.00	227,759.68
73953564	555	79.579	7.500	48.00	377,719.46
73043184	553	86.957	6.990	42.00	199,835.73
74863846	562	53.068	6.800	40.00	103,394.76
74864521	581	83.529	6.300	18.00	354,666.39
74888801	631	90.000	10.300	43.00	206,914.12
73960908	626	90.000	6.200	41.00	197,810.31
73965527	738	71.433	5.990	41.00	127,023.17
73966723	534	79.412	7.990	50.00	134,909.23
73109183	648	80.000	6.800	24.00	127,890.86
73969040	748	94.989	6.400	49.00	180,107.55
73975286	631	90.000	6.200	49.00	278,732.71
73264822	544	74.534	9.990	42.00	59,973.40
73265167	610	90.000	7.200	41.00	166,368.81
73313926	537	85.000	7.990	30.00	113,823.41
73979726	702	70.129	5.900	22.00	112,608.11
73417305	658	75.221	6.150	33.00	339,671.12
70299862	549	86.189	8.500	36.00	123,175.33
70781562	572	75.000	10.990	52.00	89,967.83
73989824	564	86.388	6.500	35.00	211,458.66
73992307	532	81.852	8.990	33.00	110,439.51
73231581	561	85.000	7.250	43.00	314,254.65
73480584	665	87.500	5.750	44.00	314,671.12
74002684	593	79.200	6.950	28.00	197,836.09
70776349	636	89.220	6.500	43.00	113,104.57
73643801	525	79.082	7.650	53.00	77,444.18
74014044	579	80.000	8.150	44.00	59,960.95
74023201	642	85.000	9.990	33.00	233,646.37
74034000	503	59.043	8.990	38.00	110,939.24
74034042	522	65.000	8.200	52.00	220,857.63
71167340	528	80.000	10.050	34.00	78,211.70
71387328	581	84.762	8.990	36.00	177,902.57
71429021	560	81.132	6.550	35.00	214,613.97
67560243	506	75.000	9.300	53.00	71,139.49
74037201	555	60.000	7.650	41.00	59,893.62
74037425	607	90.000	8.700	49.00	145,715.24
73514887	639	90.000	8.250	47.00	76,451.22
74835026	648	84.141	6.500	18.00	83,224.69
74910225	688	43.765	7.500	38.00	71,034.81
74047200	536	79.252	9.990	53.00	232,896.70
74049602	638	90.000	6.990	48.00	112,407.60
72431349	595	62.222	7.450	50.00	111,916.04
61966800	529	75.000	9.500	50.00	97,256.18
71472765	632	80.000	6.650	36.00	98,079.99
71593909	705	90.000	7.990	48.00	238,339.64
72517261	576	80.000	9.650	53.00	351,832.26
68928043	523	75.000	11.800	51.00	59,963.92
67389346	680	85.435	5.990	47.00	391,818.17
73553646	540	85.000	7.950	33.00	124,015.88
71709349	542	80.000	8.850	54.00	259,853.48
70811286	545	14.815	9.750	53.00	59,943.77
74058207	697	89.523	6.990	24.00	191,242.80
74913187	654	89.726	7.250	32.00	196,946.24
70703103	525	80.952	11.100	22.00	67,976.27
73593584	591	70.064	7.500	30.00	109,667.78
73595464	574	80.000	8.250	25.00	79,149.49
74058546	547	80.000	8.250	42.00	123,920.92
68305788	601	90.000	7.500	50.00	224,380.20
74060245	568	74.051	6.990	22.00	116,903.91
74065228	592	75.789	7.700	43.00	215,846.00
74081704	662	90.000	6.700	49.00	219,409.06
73678583	636	75.000	7.990	34.00	599,595.59
74091281	573	88.393	7.850	48.00	148,397.28

74094426	610	90.000	7.990	27.00	247,333.59
70735428	530	70.000	8.500	28.00	80,451.23
71176986	754	90.000	5.900	34.00	162,734.71
74094681	550	87.107	7.750	49.00	171,478.88
61866703	507	75.000	9.990	15.00	538,782.91
74109521	634	79.067	5.990	45.00	284,356.09
71755383	610	80.303	7.500	39.00	264,803.33
71756043	620	90.000	8.150	28.00	512,666.13
71780985	569	83.429	6.950	28.00	145,879.13
74111568	560	85.000	7.990	44.00	203,862.84
74112822	601	78.639	6.550	39.00	191,708.22
71202204	525	69.412	8.450	27.00	117,927.78
71860142	573	53.558	7.990	37.00	278,312.75
71947709	678	86.759	8.250	35.00	70,854.79
66055682	570	90.000	6.875	44.00	165,935.64
74123720	679	88.225	6.350	23.00	103,126.92
71718027	601	87.500	6.850	27.00	96,168.74
71828966	614	85.999	6.990	38.00	116,003.65
72018286	562	90.000	10.400	50.00	151,138.60
72021108	512	74.000	7.990	44.00	110,925.37
73726168	619	75.000	7.990	41.00	121,418.31
72523400	682	73.529	6.600	44.00	499,556.70
69530624	578	90.000	9.150	50.00	85,454.73
70022983	618	85.000	6.750	43.00	185,989.72
70159827	554	85.000	9.800	35.00	165,673.49
74168865	570	88.784	7.250	38.00	328,243.74
74172065	545	83.542	8.900	43.00	100,194.08
74174160	520	84.951	10.500	36.00	120,751.99
74421389	685	73.846	5.950	37.00	239,758.78
74156308	633	78.866	7.600	20.00	76,363.53
74156845	609	86.589	6.650	41.00	296,739.24
68157189	569	90.000	7.500	43.00	307,571.56
74185604	603	84.429	5.990	40.00	177,123.15
73427429	598	68.421	8.100	48.00	129,914.52
71685168	658	79.233	6.750	47.00	167,830.37
74188244	536	85.000	9.990	40.00	250,638.83
72739105	539	60.000	8.500	41.00	81,469.85
67820845	573	88.839	8.350	50.00	137,440.08
74198524	533	67.476	8.650	33.00	488,912.66
71388847	718	68.657	6.250	38.00	91,912.71
71718845	646	90.000	6.500	38.00	93,515.38
73335309	605	80.000	6.500	37.00	239,783.03
74399288	640	86.913	5.990	48.00	399,401.23
74399882	616	83.407	8.500	34.00	94,192.89
71805923	573	85.000	6.600	48.00	131,515.73
74209289	518	75.000	10.350	51.00	172,429.19
74212564	629	85.926	7.500	36.00	115,913.91
68080209	535	65.000	9.650	48.00	87,708.18
72962921	615	84.324	6.750	30.00	155,865.68
74213380	675	90.000	6.250	36.00	157,350.55
74224361	567	75.000	9.250	50.00	74,211.50
74217126	655	87.931	7.990	23.00	127,414.27
74218926	582	90.000	8.250	43.00	89,942.61
74219403	672	59.122	7.550	33.00	62,422.17
71996409	634	85.000	11.300	47.00	120,659.69
72015027	522	73.620	11.990	26.00	59,982.79
74718800	678	64.516	8.990	45.00	59,967.15
74220104	637	76.667	8.400	41.00	114,928.88
74220666	737	38.561	6.050	48.00	66,059.03
73783748	556	93.333	7.100	36.00	97,921.23
73806200	513	72.876	8.550	32.00	222,866.29
72287980	631	87.936	6.990	39.00	327,730.61
73184368	527	85.000	10.750	37.00	105,360.32
74230061	575	84.932	9.500	47.00	309,847.52
74236464	596	76.471	7.990	26.00	129,912.59
67295469	583	83.333	6.990	39.00	124,794.07
71846505	596	73.636	6.990	31.00	80,933.47
63053565	657	83.279	6.990	24.00	82,217.90
73831620	601	78.125	5.850	25.00	299,692.67
72086689	531	52.222	7.990	51.00	117,420.99

75026740	610	87.805	6.850	48.00	179,848.03
74249863	560	90.000	7.250	47.00	292,271.82
73919581	555	64.419	6.550	36.00	276,752.01
73919607	654	78.000	8.900	45.00	62,365.19
72869084	657	74.382	7.250	45.00	87,181.94
71254668	568	75.000	9.990	52.00	82,463.42
72911423	613	90.000	8.990	24.00	143,921.17
74267881	536	75.000	9.700	39.00	91,456.86
72040348	527	85.000	8.150	44.00	146,104.84
69738508	549	85.000	9.950	34.00	60,295.80
73861908	675	84.615	6.200	36.00	109,894.61
73055386	592	83.644	7.500	35.00	157,133.29
74283227	553	85.000	9.550	44.00	169,917.26
74286485	510	75.000	8.950	46.00	91,074.70
72969983	679	90.000	6.650	45.00	134,881.47
73193302	599	84.264	7.990	39.00	82,944.19
73919888	654	86.022	5.750	47.00	359,624.13
72129547	546	83.247	9.500	42.00	161,420.56
74304742	706	82.707	6.050	21.00	109,891.53
74307067	529	68.560	8.100	33.00	83,245.23
72337587	618	60.000	8.500	44.00	77,952.74
73205205	662	64.444	6.300	33.00	141,524.08
74248402	734	80.000	5.990	47.00	102,297.86
71878649	649	90.000	10.800	49.00	69,274.19
74719543	518	74.373	8.250	55.00	280,950.73
74315722	634	90.000	7.200	35.00	116,907.81
74316464	526	64.167	9.350	43.00	96,201.14
70540802	509	60.000	10.700	52.00	104,960.03
73336828	675	90.000	6.400	52.00	530,510.56
73755860	584	90.000	7.990	50.00	98,933.44
74129388	543	80.000	7.500	27.00	163,878.28
73744401	626	90.000	8.990	44.00	283,344.82
74708009	629	74.074	6.990	47.00	599,506.21
71998769	633	90.000	8.950	39.00	136,724.49
74328246	546	79.409	9.500	51.00	91,275.08
64485782	642	80.000	8.100	43.00	88,623.65
71713101	606	71.667	6.990	42.00	257,788.10
72766561	617	64.655	7.250	36.00	74,941.49
73450926	528	76.812	9.990	41.00	105,953.00
74157702	509	64.848	7.600	38.00	106,922.17
64578701	752	58.824	7.500	42.00	59,820.20
71167860	722	81.328	8.750	41.00	391,547.28
74341827	524	74.783	9.750	49.00	85,959.87
74352949	673	90.000	8.600	49.00	79,152.99
72452360	542	73.765	7.750	20.00	62,655.74
66870429	712	75.000	7.050	45.00	119,706.08
69064160	599	85.000	9.750	32.00	84,960.34
74363409	649	76.246	7.250	40.00	458,641.94
74365008	654	89.933	7.990	47.00	200,864.86
74373564	667	51.688	6.500	26.00	74,752.91
74376047	527	84.211	9.500	55.00	159,921.30
72393044	583	90.000	8.250	50.00	238,347.91
74378647	549	75.000	8.990	41.00	97,446.63
72697287	528	85.000	8.500	42.00	161,402.16
64824105	643	90.000	9.450	22.00	85,371.47
70445101	586	80.000	8.500	23.00	59,963.65
73246548	632	83.537	8.450	39.00	68,458.06
74395062	622	75.000	6.100	49.00	198,855.60
70578968	528	65.000	10.100	41.00	61,723.26
70805080	623	90.000	6.990	49.00	141,926.69
70900568	636	89.256	7.500	34.00	215,839.69
67100529	659	45.989	6.800	45.00	89,768.48
69138923	647	90.000	10.050	38.00	75,117.10
69986826	667	82.677	6.250	30.00	209,800.74
70436365	601	90.000	6.850	48.00	256,283.45
71801765	675	75.702	6.150	6.00	269,239.32
72086903	638	80.000	8.450	38.00	67,890.86
67365189	613	90.000	9.250	37.00	73,684.31
72517360	528	84.091	6.990	22.00	138,636.04
58611005	598	73.529	7.990	25.00	124,487.24

72765688	658	90.000	5.990	47.00	301,199.28
74398025	676	84.936	6.990	30.00	148,600.85
72921828	748	47.947	6.500	26.00	159,855.36
72994221	664	85.818	6.750	24.00	235,796.80
73044786	634	88.889	7.990	29.00	79,946.21
72480445	633	71.795	6.700	43.00	139,878.28
73199820	609	82.308	7.990	29.00	213,856.11
74417288	676	84.900	6.990	35.00	132,710.91
73265548	572	79.750	8.200	45.00	63,758.90
73318206	626	78.667	6.990	26.00	117,627.39
73368904	539	84.167	8.990	52.00	201,889.43
73518409	630	84.962	6.990	49.00	111,208.58
72547581	603	90.000	8.850	50.00	71,959.42
74427360	524	75.000	8.250	26.00	176,137.61
73554529	522	63.235	11.400	16.00	214,929.76
73596504	608	86.129	7.750	39.00	133,405.77
73679540	527	79.197	7.990	19.00	216,854.10
73727323	595	80.000	8.400	25.00	76,675.96
73811044	725	68.089	6.400	27.00	149,861.74
72588528	594	68.000	8.990	51.00	84,953.47
73869422	541	84.608	8.990	37.00	109,929.79
74003724	637	81.373	6.990	49.00	127,752.98
74026766	639	88.750	6.050	40.00	141,859.98
74077967	536	85.000	8.900	37.00	127,428.89
74110180	543	68.333	10.990	39.00	81,970.69
74127028	598	87.250	7.300	29.00	174,365.21
74160102	655	75.676	7.200	47.00	279,779.39
74454463	670	90.000	6.750	48.00	154,666.72
74464744	615	85.000	8.990	41.00	131,677.88
74466087	543	85.000	8.990	31.00	169,906.94
74289380	523	68.202	7.500	28.00	155,384.60
74313305	509	74.147	9.400	52.00	70,404.61
74468265	579	90.000	7.990	44.00	116,921.34
74338542	598	77.333	6.550	32.00	347,688.44
74390980	659	94.141	6.250	46.00	465,557.83
74473661	546	53.077	7.350	29.00	137,894.46
74455544	528	75.000	9.400	46.00	104,947.25
74484221	671	89.565	6.600	50.00	102,908.68
65604365	525	75.000	9.200	45.00	97,345.58
72644644	637	84.235	7.350	44.00	357,726.22
74583667	641	84.986	6.200	34.00	309,902.82
74495565	522	69.022	6.990	46.00	126,895.69
74646886	558	79.245	7.550	48.00	83,805.52
74678764	598	41.327	6.650	47.00	161,857.76
73240889	553	84.868	9.990	29.00	64,471.40
73244006	574	43.077	8.200	29.00	83,945.88
74795709	636	79.996	6.990	47.00	437,140.67
74836982	595	52.147	8.500	31.00	84,765.05
74890229	793	83.851	6.650	39.00	309,977.60
72633746	587	75.000	8.300	31.00	88,250.97
74502840	659	95.000	6.500	43.00	199,319.65
74506882	619	78.462	7.250	29.00	101,920.43
74511742	623	81.512	6.550	41.00	350,186.21
74925769	618	90.000	9.300	9.00	127,734.43
74522046	539	56.800	7.350	22.00	567,565.63
74530064	660	89.863	5.990	16.00	124,875.32
75032268	518	66.038	7.900	31.00	174,880.17
66287624	687	90.000	7.990	42.00	85,326.37
75069989	635	64.516	7.500	50.00	99,925.78
66290842	687	90.000	7.250	37.00	134,682.15
74545047	621	85.990	8.900	34.00	177,900.73
74549205	708	87.313	6.850	50.00	584,506.11
75144485	528	85.000	8.650	48.00	220,870.19
74594623	632	90.000	6.250	22.00	246,815.59
74595927	643	89.127	7.200	49.00	149,881.81
68433549	595	84.507	9.200	48.00	59,904.96
74601584	675	51.666	6.800	34.00	167,856.76
74631367	517	74.978	8.750	40.00	168,602.93
72742703	554	90.000	7.750	52.00	395,720.50
72784101	546	58.065	9.950	31.00	89,959.75

69645166	681	92.490	5.700	33.00	88,696.41
69815900	562	75.000	7.990	31.00	119,919.31
69965408	533	83.500	9.250	40.00	166,913.42
74652645	619	82.258	6.350	49.00	254,762.67
70128921	537	80.000	9.950	44.00	67,969.59
70141585	543	66.667	9.990	54.00	209,906.90
73843328	741	89.769	5.990	32.00	271,728.70
72880305	538	60.000	8.450	50.00	143,911.86
72845563	604	77.011	7.500	42.00	66,950.27
72879901	636	90.000	8.150	46.00	85,444.35
74752064	657	64.120	5.950	45.00	131,923.27
74760422	666	24.805	6.550	22.00	64,941.80
61088241	669	90.000	7.990	45.00	118,312.67
74772260	679	80.000	7.700	45.00	75,945.82
70654983	564	90.000	7.250	28.00	152,880.65
71828404	558	76.923	9.950	19.00	59,973.17
74778580	772	38.689	5.990	32.00	235,764.60
71055206	638	80.000	8.750	44.00	63,163.63
74780222	605	77.241	7.990	32.00	223,849.39
71056584	584	90.000	8.550	21.00	80,951.43
74821505	564	90.000	8.500	27.00	179,890.95
74854662	548	75.000	8.990	36.00	161,161.73
72895501	566	85.000	8.950	47.00	117,235.25
69564045	522	85.000	9.450	35.00	123,126.84
71298129	531	28.814	9.300	37.00	84,956.39
72925167	693	81.600	5.990	46.00	101,898.26
60219722	586	80.925	9.990	33.00	139,493.70
72742026	695	90.000	7.250	49.00	222,126.58
66260407	778	85.757	7.200	41.00	201,318.50
72960180	602	79.470	7.250	44.00	119,906.38
64490345	537	77.381	9.500	42.00	64,870.57
71428460	627	90.000	7.990	46.00	86,341.90
71452445	532	85.000	9.250	27.00	199,646.44
55941108	532	68.182	10.550	41.00	74,788.08
70973482	781	62.394	8.250	50.00	80,748.47
63233043	520	75.000	9.900	46.00	118,283.12
71763049	592	90.000	6.850	33.00	184,344.23
73125387	533	69.756	7.500	50.00	285,787.74
70554704	640	86.944	7.750	43.00	312,779.08
70579289	525	74.336	8.450	22.00	83,948.58
74983982	540	57.490	8.950	34.00	141,921.62
71097489	529	80.000	9.650	54.00	75,963.78
64739246	631	90.000	7.900	49.00	95,136.09
65897886	524	84.507	10.500	46.00	59,900.99
72087869	603	89.796	7.750	38.00	219,844.72
69474047	764	90.000	5.990	40.00	291,915.05
71509160	643	84.963	6.990	35.00	159,468.91
63741581	568	82.353	8.450	31.00	69,826.76
71520803	521	84.167	8.700	20.00	100,941.28
72301740	518	75.714	9.990	53.00	158,929.51
72851348	541	60.252	7.990	47.00	167,387.38
72923600	626	83.843	10.150	46.00	59,974.29
73010001	610	65.574	6.990	37.00	79,934.29
70753389	560	72.222	7.300	45.00	129,899.58
71802227	659	80.000	6.500	49.00	139,873.43
72553621	536	63.750	9.990	47.00	82,838.25
73572703	705	64.864	6.200	48.00	599,420.18
71832448	540	56.000	9.450	47.00	69,965.20
73178964	659	89.955	7.250	50.00	197,745.62
72561004	691	90.000	8.750	47.00	107,937.86
73180226	631	89.063	7.750	33.00	85,439.65
72263205	603	75.000	8.990	50.00	138,674.05
73254187	607	90.000	6.990	49.00	332,726.50
72319866	608	62.963	7.550	41.00	169,488.82
72320369	507	75.000	8.650	33.00	68,209.91
72562606	583	66.049	7.850	47.00	106,925.99
72566169	721	88.421	7.700	43.00	251,820.34
72349020	527	84.934	9.800	43.00	192,710.99
72420805	569	88.788	8.500	31.00	117,129.00
72414220	533	83.696	8.990	44.00	76,957.85

72529886	544	63.077	9.900	44.00	409,814.71
65769002	534	75.000	12.250	26.00	59,934.03
72479322	539	85.000	8.150	51.00	162,244.34
73254781	604	86.897	7.500	41.00	125,906.48
72762560	545	82.479	8.100	40.00	280,243.62
72507064	623	88.927	6.800	50.00	182,144.57
72570609	542	69.856	9.400	54.00	72,613.50
72899925	534	84.932	7.990	52.00	309,791.57
72962947	588	77.143	7.550	49.00	80,756.44
71501209	686	94.783	6.500	50.00	217,802.92
73038481	559	89.858	7.350	22.00	190,354.31
73040404	642	81.539	6.950	31.00	124,896.52
73056863	598	66.557	6.200	50.00	202,805.51
73057846	587	90.000	7.500	9.00	161,879.77
72767106	632	85.000	7.990	43.00	301,547.11
73156804	616	67.857	8.990	19.00	71,210.99
72855620	659	90.000	6.450	41.00	262,560.10
72872104	653	80.000	7.250	37.00	103,918.86
73237588	607	71.067	7.050	37.00	252,794.66
73238263	588	82.500	6.990	37.00	115,405.14
73344400	651	75.152	5.750	38.00	371,611.60
72920184	691	95.000	6.850	40.00	237,299.48
72934821	591	90.000	7.500	48.00	337,249.53
72934946	566	55.333	7.800	50.00	124,413.01
73438947	678	90.000	7.500	21.00	98,926.52
73066144	707	90.000	6.600	46.00	206,816.47
73132805	527	85.000	8.990	52.00	263,355.76
73464083	658	50.000	6.450	44.00	124,586.42
73464281	602	82.128	5.900	28.00	192,804.16
73080723	539	65.000	10.150	45.00	157,232.61
73585689	607	90.000	7.300	49.00	103,420.06
73661365	651	90.000	6.990	49.00	76,258.43
73739526	522	75.000	7.990	47.00	86,941.51
73784720	667	90.000	6.200	46.00	71,931.02
73100604	610	87.097	6.450	26.00	188,827.47
73136442	550	76.522	8.650	34.00	87,948.30
66184300	676	80.000	7.500	19.00	179,596.72
66807702	562	78.788	7.200	37.00	129,690.86
71337364	617	80.000	10.050	46.00	59,973.73
72457989	654	90.000	6.500	50.00	197,821.00
72478803	755	70.000	6.850	45.00	64,345.63
73846503	548	79.612	9.350	45.00	81,958.37
72485188	525	85.000	9.800	54.00	163,974.26
73919342	646	86.747	8.250	49.00	71,954.08
73156044	588	74.545	6.250	35.00	409,610.97
73166761	583	80.000	8.600	51.00	75,954.90
73188708	551	80.000	7.990	49.00	79,946.21
73991341	556	79.944	8.350	54.00	284,422.19
73176265	576	85.000	8.990	47.00	100,245.09
73991721	673	86.161	6.990	39.00	96,420.74
74036807	525	57.312	8.250	46.00	144,907.54
73215147	599	54.000	7.990	38.00	94,436.46
74144684	536	81.860	9.500	55.00	175,913.42
74187303	618	88.767	6.750	51.00	323,721.04
72586746	520	24.762	7.750	45.00	129,908.24
74239245	638	57.006	6.990	34.00	79,846.24
69456960	650	88.889	7.750	38.00	79,943.54
73274748	591	80.000	8.600	32.00	59,964.39
73327983	524	75.000	8.990	49.00	67,463.05
74400425	546	67.133	9.050	48.00	100,550.18
74401688	590	70.000	7.500	47.00	83,937.65
73367666	576	54.857	6.950	31.00	95,920.53
71464325	524	85.000	8.150	39.00	169,889.35
74404625	679	48.000	8.990	40.00	59,967.15
73446288	608	86.306	7.050	49.00	135,390.02
65411985	562	41.429	7.500	44.00	144,565.47
74450784	737	60.167	5.850	37.00	186,808.44
74452863	539	56.959	8.750	44.00	96,774.28
74541962	627	69.439	6.200	49.00	383,632.11
73468928	538	75.000	10.500	23.00	86,965.42

73487563	612	90.000	7.250	36.00	94,426.28
74591728	500	64.848	8.350	45.00	106,933.15
73504763	556	90.000	6.990	43.00	314,741.29
73506842	539	75.000	10.750	49.00	70,473.45
74642869	572	85.390	7.750	50.00	262,814.37
74762527	569	71.304	7.700	41.00	163,883.07
74766429	513	61.947	7.900	41.00	69,952.06
74848342	557	62.794	8.990	43.00	84,725.59
73549263	526	63.291	7.990	20.00	249,831.91
74854647	550	73.435	8.500	30.00	96,141.72
73578627	592	87.000	7.900	44.00	192,138.35
74955469	623	78.596	8.450	45.00	223,862.89
71733422	545	85.000	8.500	33.00	182,639.29
73635468	591	87.500	7.990	50.00	122,417.64
66921883	591	84.507	8.250	20.00	59,922.98
57705444	613	90.000	7.990	33.00	162,230.09
73497521	547	75.000	7.200	31.00	157,375.90
71932206	525	85.000	10.900	48.00	131,701.98
65872806	620	40.956	10.300	31.00	59,429.42
71951529	520	74.257	7.990	55.00	149,899.14
72036122	638	90.000	7.650	18.00	130,406.02
72118284	519	64.552	7.800	40.00	129,659.34
65569485	605	84.488	7.990	11.00	139,869.02
72131949	636	89.151	7.250	49.00	94,426.28
72232069	602	65.360	7.400	50.00	81,638.14
73526386	666	75.000	7.500	47.00	157,383.11
73738601	601	85.000	8.990	18.00	66,263.71
67289926	588	90.000	7.650	50.00	152,667.34
69669729	626	82.759	12.400	15.00	59,984.29
73739989	562	86.485	6.850	38.00	142,579.52
73769200	657	80.000	5.500	41.00	126,755.10
73785503	546	75.000	12.200	45.00	97,473.31
69893121	529	80.000	9.400	40.00	97,550.96
73737306	532	82.398	8.300	39.00	218,216.17
70286240	569	80.000	10.500	49.00	63,974.56
73787467	586	79.259	5.990	44.00	213,786.55
71143820	530	64.211	9.650	25.00	60,970.92
67047886	686	76.375	6.650	36.00	248,139.44
65505380	544	75.000	11.350	34.00	83,887.42
73816043	524	55.556	7.500	52.00	149,888.67
70381264	711	90.000	7.990	42.00	134,909.23
70592746	666	82.144	6.400	20.00	79,926.26
73817520	655	79.688	7.800	28.00	63,705.46
70697388	614	90.000	6.990	49.00	112,407.60
65513004	526	54.762	9.900	49.00	114,789.53
73860264	555	69.524	7.990	12.00	437,705.51
73920845	523	63.333	7.400	33.00	75,942.46
73945685	555	85.238	8.990	48.00	178,902.02
73969867	601	72.435	8.550	33.00	83,250.05
70973102	516	68.443	9.850	32.00	83,387.88
68883305	606	90.000	8.500	43.00	67,417.92
73862500	648	57.300	7.250	38.00	171,765.89
73970063	656	75.731	6.050	46.00	217,285.53
74032301	566	75.000	6.750	21.00	209,819.19
74061763	534	84.128	9.800	51.00	163,974.26
74082504	631	76.150	9.500	49.00	63,934.53
71108864	534	73.864	6.990	13.00	162,366.53
71373385	557	93.619	7.950	44.00	120,218.46
71931349	557	90.000	9.150	29.00	62,966.65
74136706	612	87.222	8.500	32.00	156,904.88
71818785	524	73.283	7.900	49.00	97,299.46
74155987	545	77.778	10.200	50.00	69,970.32
72015167	596	85.000	9.350	48.00	178,409.38
74228081	662	67.273	5.990	26.00	369,630.96
74229485	670	88.493	6.750	48.00	129,088.76
74229949	643	90.000	6.500	50.00	152,861.68
72086960	574	90.000	7.100	36.00	120,503.07
72163165	720	12.400	5.700	13.00	92,791.46
51776920	559	90.000	9.200	43.00	143,459.61
72121023	545	75.000	7.990	52.00	243,586.11

67538009	664	90.000	7.150	48.00	173,731.76
73270902	600	76.111	7.990	47.00	68,453.94
74265281	559	78.298	6.300	12.00	183,827.09
74267345	546	77.949	7.500	39.00	151,887.19
69061869	741	87.609	6.500	39.00	110,798.76
74268640	707	89.960	7.200	37.00	116,855.86
74300369	662	17.558	6.100	30.00	92,909.17
74327222	584	90.000	9.200	46.00	129,532.10
72470263	561	90.000	7.250	38.00	91,728.39
72571920	636	82.963	5.990	47.00	559,441.44
74354929	544	84.158	7.750	35.00	169,880.01
59628982	655	42.800	7.750	34.00	106,494.84
72160302	536	78.431	11.600	48.00	199,937.47
65525669	566	90.000	8.250	17.00	210,954.94
74389867	781	84.000	6.650	49.00	62,944.69
72223902	551	72.816	9.990	50.00	74,966.75
68238187	584	85.000	8.990	35.00	152,746.85
67853382	589	81.692	6.600	48.00	530,529.22
72647928	541	84.615	9.900	51.00	164,925.43
69918308	676	85.928	5.500	29.00	143,342.93
74391921	651	80.000	6.990	49.00	83,931.00
74393505	641	51.695	5.750	48.00	89,906.03
65914202	589	75.000	9.500	46.00	119,761.06
73285124	617	83.898	9.100	49.00	98,947.03
65438566	554	79.688	7.500	44.00	76,270.76
72318843	524	73.770	7.750	22.00	224,841.20
71846604	634	89.585	8.990	49.00	159,912.42
74443565	689	89.725	6.750	47.00	146,511.62
74444324	583	78.673	7.500	30.00	82,938.40
74446840	579	81.579	6.700	34.00	154,865.23
67774828	547	75.000	7.500	55.00	111,873.78
72266844	591	68.723	6.450	43.00	322,705.15
68529908	642	74.965	7.990	35.00	534,911.64
72369267	566	85.000	11.300	53.00	67,924.50
72415524	671	85.000	6.500	49.00	86,584.22
65932188	629	62.857	7.500	45.00	109,670.37
74479684	566	82.424	8.500	24.00	135,917.60
72608441	598	49.123	6.900	25.00	139,882.95
72586845	521	83.152	7.950	35.00	152,896.29
72600349	517	74.500	7.450	50.00	148,888.30
74514480	502	69.767	8.750	40.00	149,913.69
72635980	637	82.979	7.250	33.00	194,847.88
72671464	525	75.000	10.450	39.00	60,275.77
74559022	610	90.000	7.990	27.00	77,347.96
72749047	546	80.870	7.750	48.00	185,868.72
72754146	547	64.667	7.990	26.00	96,934.78
72795081	558	90.000	7.750	40.00	125,011.70
72851884	523	75.000	7.500	51.00	224,833.01
72903222	658	88.974	6.200	48.00	346,667.56
74598020	701	90.196	6.750	21.00	91,920.78
74599341	521	40.000	8.500	51.00	59,963.65
72957467	532	77.500	7.990	36.00	61,958.31
72958200	523	60.000	10.250	38.00	79,766.54
72757024	620	60.000	7.500	17.00	59,955.47
69356665	534	73.194	8.250	21.00	131,581.38
67956805	526	75.000	9.900	36.00	117,589.05
72760564	612	90.000	7.950	47.00	121,417.64
74600024	678	81.383	7.250	23.00	152,880.65
65444507	543	84.706	9.250	47.00	143,697.54
73132623	524	85.000	10.250	53.00	74,768.63
73290645	699	69.298	8.250	43.00	59,961.74
74600503	604	89.873	7.750	22.00	212,849.67
73346660	510	60.000	9.700	55.00	79,762.37
73346728	572	77.600	7.350	39.00	193,851.64
73377202	614	75.000	10.350	34.00	62,224.45
66837428	542	85.000	8.600	55.00	114,613.30
73022147	702	90.000	8.600	47.00	332,802.38
73023681	591	78.636	6.990	34.00	172,857.91
74652389	586	65.116	6.990	43.00	111,908.01
74708348	588	80.909	6.500	37.00	177,839.08

74750381	595	79.477	7.350	45.00	157,879.17
72069040	618	85.000	6.550	26.00	280,248.87
73608424	562	60.000	8.850	24.00	74,957.74
74755240	600	83.695	8.750	55.00	96,193.62
73631483	565	85.000	8.550	44.00	169,898.06
73656787	521	60.000	6.850	43.00	329,721.39
65389926	535	15.983	9.750	53.00	74,658.69
74756768	599	68.966	8.990	43.00	59,967.15
68344381	627	28.302	8.500	28.00	59,890.17
72727282	615	87.912	6.750	43.00	159,862.24
73752826	510	60.000	10.250	47.00	59,974.83
74868902	671	89.714	8.800	42.00	313,821.20
74938465	570	72.501	7.800	21.00	141,277.21
73777641	742	80.000	6.150	49.00	86,106.68
74938960	600	84.909	7.650	42.00	233,331.84
74995168	670	77.720	6.550	25.00	89,220.05
73812844	589	62.217	6.700	47.00	357,438.95
73815789	510	74.269	7.250	39.00	228,571.55
67110288	805	65.476	5.500	21.00	274,376.87
73301624	527	78.947	8.600	16.00	59,964.39
73304800	546	70.588	8.250	25.00	119,923.48
73819104	600	87.500	6.750	43.00	489,578.11
73876187	673	89.017	8.150	31.00	153,899.77
75064808	613	35.106	5.990	42.00	149,051.18
75227868	578	75.302	9.100	41.00	112,139.97
73942146	527	50.000	8.650	19.00	79,953.01
72374069	612	83.030	6.650	42.00	136,879.71
68792589	684	49.270	5.900	31.00	66,794.26
72394505	609	90.000	10.050	36.00	74,217.49
72451826	586	86.313	9.650	53.00	154,426.37
74066564	697	89.744	7.450	45.00	174,868.82
74067125	669	88.153	7.990	36.00	252,829.89
74195280	503	69.048	8.500	15.00	188,385.80
74245507	600	83.032	9.750	49.00	183,414.39
65966822	614	86.143	9.850	48.00	60,165.09
74292442	607	89.947	8.800	33.00	85,401.34
74322561	650	90.000	7.600	36.00	161,882.15
74323585	550	80.000	8.200	47.00	71,953.61
65453342	555	66.667	8.200	50.00	109,929.14
72490121	561	87.879	7.250	44.00	145,000.00
72537848	751	75.000	6.300	37.00	261,504.02
74372848	631	80.000	6.300	48.00	215,797.01
66789728	596	90.000	8.850	34.00	122,331.02
68777960	538	80.000	10.650	47.00	63,854.58
74501305	758	85.591	8.250	45.00	296,810.61
63025308	750	76.321	6.500	16.00	403,397.01
65313702	625	90.000	7.650	40.00	210,884.88
74503343	616	90.000	7.990	48.00	112,424.35
74507369	508	60.000	10.450	35.00	59,975.89
74556580	530	84.205	8.250	47.00	185,131.86
74561887	638	90.000	6.250	45.00	341,675.49
74617002	504	59.483	8.850	40.00	86,201.39
74655341	561	81.154	8.500	47.00	210,872.17
69638286	627	69.343	6.950	54.00	189,842.71
74725888	677	90.000	5.600	42.00	323,651.98
74726605	520	34.000	7.990	54.00	84,942.85
74810144	578	78.947	9.850	46.00	59,972.59
74810268	732	83.548	6.750	40.00	258,777.01
68779982	655	90.000	6.990	28.00	188,531.58
70507405	633	79.998	7.250	41.00	119,903.38
66833161	523	68.107	6.950	52.00	190,223.64
71582241	643	79.412	6.550	45.00	269,758.27
71605125	561	84.091	6.990	12.00	184,848.06
71539985	664	74.752	6.800	22.00	75,058.97
72631880	585	90.000	6.990	49.00	176,255.12
73086589	687	68.800	6.300	42.00	343,676.73
72706088	591	90.000	7.750	49.00	350,751.27
65241168	541	83.871	9.750	55.00	129,754.39
72762826	762	80.000	6.250	45.00	155,851.98
72813926	610	70.000	7.950	14.00	69,952.55

67676361	562	77.778	8.800	10.00	69,960.13
68986702	627	90.000	7.500	49.00	175,369.75
65148025	554	85.714	9.850	23.00	59,889.00
72848484	534	72.727	8.550	53.00	279,832.11
69475762	542	85.000	9.500	47.00	135,933.10
70317581	658	90.000	6.350	47.00	197,815.72
73738544	545	85.000	10.500	23.00	64,999.16
70508080	639	68.922	8.990	50.00	219,879.58
70773684	592	90.000	11.750	43.00	80,975.50
73326068	523	83.708	10.250	48.00	74,468.75
73824047	611	82.139	7.750	31.00	205,202.06
71215065	612	84.112	8.850	43.00	89,949.28
71280127	521	75.000	7.750	41.00	161,136.19
70792080	623	66.667	9.400	43.00	59,969.85
67583567	588	86.250	6.990	40.00	103,146.23
65987620	788	83.462	6.250	44.00	216,169.94
71391346	571	90.000	7.200	43.00	269,787.27
71418446	577	80.000	9.750	49.00	86,359.69
71464960	527	65.000	7.750	45.00	77,944.94
65864126	664	90.000	6.750	42.00	85,250.00
73892127	779	20.327	5.600	42.00	124,865.73
66577248	524	80.000	11.150	54.00	75,547.58
71686422	531	54.478	7.600	29.00	182,367.24
71729867	677	67.500	5.850	27.00	161,834.04
68440262	539	77.667	7.990	54.00	232,843.34
69580983	522	80.000	9.400	45.00	91,953.78
71765747	640	43.716	8.990	38.00	79,956.20
69757466	565	90.000	7.500	16.00	88,134.54
73922189	547	75.000	7.500	28.00	141,644.80
73922403	590	85.000	8.500	48.00	135,917.60
73926180	579	89.091	6.850	50.00	146,875.89
69971604	549	80.000	8.950	55.00	95,947.01
71781728	662	66.429	6.500	48.00	102,207.52
70318167	633	89.956	7.500	21.00	204,947.79
73348823	529	80.000	8.990	37.00	143,921.17
68717966	689	90.000	7.990	43.00	301,093.23
73976482	560	90.000	7.500	47.00	359,732.82
70236989	682	72.264	6.800	27.00	93,862.90
71845101	641	90.000	8.500	50.00	61,162.92
71870844	562	90.000	6.990	45.00	107,911.29
73977985	552	44.776	6.550	30.00	149,865.71
71908503	649	77.078	6.350	37.00	229,785.93
70477682	550	75.352	8.050	45.00	106,928.92
71980320	532	85.000	11.850	43.00	169,949.71
71993927	604	73.684	7.990	37.00	209,858.80
72137466	566	22.892	7.900	37.00	94,934.95
72180144	643	90.000	7.850	47.00	112,422.18
71981104	511	70.833	11.200	41.00	63,728.24
72380983	522	73.899	7.750	28.00	117,417.06
72399983	626	84.966	6.750	24.00	148,562.98
70815568	625	90.000	8.500	41.00	178,991.50
72023880	687	87.500	6.650	38.00	132,008.99
72050248	611	91.053	7.250	43.00	172,865.04
72552300	581	75.000	6.750	29.00	149,870.85
72553142	637	60.000	6.990	38.00	59,950.72
72578867	547	75.000	8.850	48.00	75,547.09
72594062	535	85.000	8.250	43.00	254,837.40
71032601	501	75.000	8.700	41.00	101,191.13
73374381	615	74.643	6.350	30.00	208,805.48
73979742	639	89.385	8.990	53.00	225,126.70
72642606	563	90.000	6.750	39.00	175,348.90
66934068	593	65.000	12.990	41.00	79,894.41
72683485	674	89.286	6.100	19.00	74,926.75
72683626	722	95.000	7.750	55.00	351,251.91
72142441	624	81.250	9.550	21.00	64,968.36
72753981	543	82.500	7.750	42.00	181,371.90
71213086	571	90.000	8.990	45.00	121,433.49
71225445	564	90.000	10.400	20.00	93,112.17
72858327	636	58.182	6.990	45.00	79,747.38
72230964	510	64.000	7.990	45.00	153,496.72

65104127	584	90.000	8.750	50.00	62,853.39
74014887	580	84.746	8.500	50.00	99,939.41
71285621	568	85.000	10.650	30.00	104,509.77
72928807	568	88.808	8.500	50.00	134,018.76
71286926	617	85.000	6.750	48.00	275,703.40
71301360	602	88.439	7.990	39.00	152,897.13
72297047	555	85.000	8.050	37.00	89,190.72
72807902	589	80.000	6.990	39.00	87,927.72
72808769	558	75.000	7.450	46.00	374,718.90
71311948	683	86.454	6.750	27.00	78,432.41
73027963	652	90.000	7.350	33.00	130,400.20
73060741	545	85.000	10.990	34.00	68,825.39
71503866	509	75.000	10.990	55.00	67,475.88
71529325	545	77.361	9.550	44.00	97,427.55
72362387	650	87.460	7.500	48.00	550,591.07
65111064	541	58.200	8.990	55.00	145,177.83
73141681	505	60.000	8.500	51.00	74,954.56
73160848	659	82.045	5.800	29.00	141,601.40
71615843	648	88.947	10.150	34.00	84,463.79
73204364	550	83.333	6.800	15.00	149,872.11
71679724	512	73.039	7.600	39.00	186,114.51
71702781	650	67.792	9.250	39.00	136,241.30
73254724	542	75.000	7.100	39.00	157,373.42
73358947	613	85.000	9.200	44.00	66,265.26
73360505	582	39.524	7.900	48.00	82,943.17
71837207	568	90.000	8.750	49.00	82,752.36
73471849	524	68.548	8.500	44.00	84,948.50
74070483	560	80.000	8.750	35.00	67,960.87
73588287	600	88.807	7.450	44.00	156,182.83
73589442	677	80.952	6.550	18.00	84,923.90
71396766	641	54.000	6.150	40.00	134,869.42
71900948	541	70.988	7.400	46.00	114,912.93
72789589	598	75.000	9.990	43.00	134,940.15
72795164	641	90.000	6.750	25.00	77,333.36
66953084	628	68.051	7.990	33.00	66,215.24
71953723	538	80.000	7.990	54.00	163,889.73
72845886	544	70.833	8.600	47.00	84,949.56
72896681	611	87.500	8.500	43.00	69,787.27
73761124	572	88.421	7.990	47.00	75,549.17
67227686	706	57.459	5.800	18.00	217,774.54
70134663	547	77.922	10.400	33.00	59,975.63
74101841	565	80.000	8.900	30.00	63,964.30
72004989	563	72.222	8.950	36.00	64,902.05
72981582	550	80.000	8.990	39.00	161,511.54
65197667	588	90.000	10.450	35.00	85,360.80
63802763	596	63.579	8.900	10.00	69,882.01
70922042	626	80.000	8.050	49.00	93,502.37
70934088	659	88.953	8.200	28.00	76,450.71
73937666	540	85.000	9.500	41.00	131,685.19
73966046	548	62.333	8.250	23.00	140,160.56
74009606	611	89.891	6.700	46.00	328,713.95
74011644	613	85.882	7.200	47.00	145,884.96
74012543	549	85.000	8.750	24.00	148,664.42
74012923	613	87.379	6.990	48.00	359,704.32
71035109	616	58.254	8.750	48.00	183,394.42
71088843	601	87.500	8.500	45.00	104,936.39
74147869	543	60.000	9.500	36.00	59,970.48
72091648	680	74.400	8.500	45.00	92,851.67
74148966	726	85.621	6.100	37.00	130,872.06
74156225	573	69.268	6.200	44.00	141,863.96
69118321	611	80.000	7.100	42.00	94,247.82
70163928	634	84.507	6.850	44.00	59,898.39
71331623	594	84.000	8.700	48.00	96,543.84
71344147	558	79.473	7.400	46.00	174,867.50
74173824	512	62.083	8.500	31.00	148,909.73
74198482	541	85.000	8.950	49.00	123,181.97
72872161	580	84.851	6.550	48.00	113,598.20
72872823	614	80.000	6.400	40.00	108,000.00
72899800	597	80.000	6.100	31.00	319,687.48
72970148	591	86.667	6.700	44.00	311,728.73

72982903	559	78.644	6.250	40.00	231,779.86
74198649	615	69.444	6.850	42.00	249,788.93
74200163	549	78.505	8.500	52.00	419,745.56
69451060	549	85.000	6.350	55.00	125,642.25
74207382	609	83.465	8.400	24.00	105,901.35
71840706	555	87.000	7.300	27.00	67,818.03
74199381	679	84.028	9.750	50.00	60,453.26
72239023	539	75.000	8.700	48.00	83,960.81
71866305	570	85.000	6.750	24.00	322,812.23
72239965	560	76.119	7.850	47.00	101,912.17
72984149	546	56.039	9.750	28.00	223,999.95
74268707	559	60.000	6.990	42.00	74,965.01
74270760	580	85.397	6.900	30.00	268,779.07
72240781	679	58.930	5.990	34.00	89,924.75
74201609	621	83.056	7.500	41.00	298,701.77
63421747	560	44.861	7.150	13.00	64,183.08
73033425	555	78.704	9.050	20.00	106,165.45
73249641	552	68.966	7.990	36.00	59,967.56
74272089	538	73.201	8.500	47.00	128,746.37
72272248	542	75.000	5.990	11.00	97,440.93
74273947	634	77.407	7.750	46.00	104,434.04
72086408	636	84.996	7.750	40.00	208,042.28
72100969	596	86.194	7.100	32.00	288,546.19
72333628	532	68.489	7.250	45.00	212,849.67
74337049	569	69.231	7.750	32.00	134,891.50
74383308	527	79.500	6.750	55.00	158,875.96
74441122	590	41.473	7.990	33.00	106,924.47
74441247	533	76.774	6.550	36.00	237,795.08
74444506	578	77.586	8.450	25.00	224,848.72
72354160	536	75.341	10.550	49.00	132,481.29
65026700	553	82.424	7.150	50.00	135,916.76
74444621	660	90.000	9.850	50.00	134,784.89
74486226	611	74.074	7.350	44.00	140,138.40
72425481	553	82.449	7.250	50.00	59,972.59
62520481	705	95.000	7.400	40.00	403,691.05
72429681	635	90.000	7.250	49.00	147,287.44
74488206	543	59.375	6.990	17.00	206,843.27
74488982	584	87.188	7.150	44.00	189,851.78
72552367	639	47.004	7.350	26.00	278,770.85
74552746	605	68.000	6.500	47.00	77,852.97
74599184	599	73.654	8.400	38.00	84,935.00
72313547	614	81.304	7.500	38.00	259,764.95
72314222	627	90.000	10.900	35.00	93,442.18
72328925	540	85.000	7.800	54.00	98,926.52
72556244	618	88.184	6.150	50.00	101,113.14
72589302	622	88.393	6.650	50.00	152,893.09
74607581	676	90.000	9.300	48.00	494,521.20
74668765	607	90.000	7.750	47.00	100,711.49
72590227	601	74.871	10.050	31.00	85,376.79
74734344	572	84.278	7.990	49.00	434,692.98
72596349	566	56.693	9.500	40.00	326,856.88
72520505	509	75.000	7.700	53.00	71,951.59
72554686	643	76.923	6.990	25.00	201,650.76
69311801	532	80.508	8.700	32.00	69,950.09
72631708	526	84.783	7.300	46.00	94,843.50
72695042	574	90.000	10.250	42.00	97,443.32
72680622	531	77.273	7.550	40.00	143,888.77
72728843	555	74.074	6.990	30.00	169,928.70
67581223	687	38.000	9.850	43.00	59,955.91
70354840	512	75.000	7.600	54.00	75,716.22
69341089	668	90.000	7.800	44.00	74,965.74
69349462	668	83.279	5.750	48.00	151,878.02
72854128	661	90.000	11.450	32.00	128,070.19
67579045	522	85.000	6.800	25.00	130,723.37
72718380	643	79.939	8.150	49.00	63,687.61
72730641	602	80.000	8.650	31.00	525,551.54
72772049	561	83.103	5.990	41.00	95,937.52
69409563	674	88.415	5.990	43.00	96,343.37
68436344	680	89.800	5.990	47.00	144,710.02
					220,433.49

72879562	604	73.939	5.900	43.00	243,752.41
72901341	655	90.000	9.850	50.00	60,272.45
72928062	630	75.467	5.990	12.00	395,804.82
74202649	540	74.286	9.990	51.00	77,965.42
74242587	621	70.750	5.800	45.00	141,353.66
74244120	574	82.301	6.990	31.00	92,923.62
69422046	703	84.706	6.150	49.00	143,720.57
64987662	717	70.000	5.750	17.00	108,043.60
64987720	742	67.918	5.990	50.00	246,857.14
73024960	621	90.000	8.500	28.00	121,876.12
73039703	606	90.000	6.990	43.00	134,889.12
73054983	731	84.615	5.800	47.00	164,829.35
73057226	635	89.253	6.600	34.00	239,787.21
74298845	600	63.646	6.990	43.00	305,249.09
65176968	668	58.621	7.990	21.00	84,769.10
69522969	655	63.534	6.600	48.00	73,568.94
69525806	600	61.200	7.300	38.00	152,762.92
73157307	574	80.000	6.500	26.00	231,790.27
65524902	664	90.000	8.500	37.00	62,473.87
73210064	539	80.000	8.500	34.00	279,830.37
73229023	529	76.768	11.050	27.00	75,973.19
73229221	532	75.000	7.990	49.00	152,147.63
73252306	539	85.000	10.600	23.00	72,221.90
73272163	529	75.000	8.450	39.00	86,197.20
73287583	550	64.284	7.050	49.00	220,958.52
73302705	541	70.000	7.850	53.00	339,265.17
74336108	645	90.000	7.500	30.00	155,700.00
74336181	581	80.000	8.200	44.00	199,871.16
74337544	642	65.000	6.990	23.00	116,903.91
70734140	559	75.000	8.500	54.00	363,307.70
73337107	644	79.701	6.750	50.00	266,770.12
73337123	543	82.478	7.600	50.00	189,562.00
70538228	578	90.000	7.500	50.00	80,879.38
73478620	505	67.045	7.200	41.00	147,383.78
64940547	571	90.000	7.990	32.00	116,682.18
73479164	508	75.000	7.750	41.00	326,019.73
68900000	543	75.000	9.850	41.00	61,443.57
68933605	654	90.000	5.990	34.00	110,478.61
70277769	656	90.000	7.250	38.00	143,887.66
70844600	551	87.222	8.200	23.00	78,449.43
71247480	635	90.000	6.350	50.00	458,572.81
73479362	507	74.755	7.900	45.00	304,791.16
73491268	555	80.000	7.990	44.00	99,133.30
73510448	747	56.414	5.600	42.00	59,935.55
73540049	612	90.000	6.990	40.00	94,422.38
66219924	585	86.667	8.550	47.00	194,625.50
72070485	540	75.000	7.990	42.00	86,192.00
74338880	682	89.938	7.990	38.00	145,602.04
70595889	588	85.000	7.800	47.00	106,101.03
68641729	664	84.000	7.600	28.00	62,908.05
72149081	516	50.625	7.990	38.00	80,945.54
72149727	619	90.000	6.850	40.00	350,703.67
73583361	586	89.364	7.990	50.00	77,248.02
73583924	667	88.134	6.050	23.00	96,851.40
72247026	587	86.885	7.750	39.00	264,812.96
72310048	691	45.455	9.900	30.00	74,966.10
72366800	544	75.000	9.450	27.00	59,970.17
64820509	553	62.963	8.990	19.00	84,760.99
73029621	573	80.000	6.300	32.00	241,372.96
72517766	685	85.000	7.990	16.00	83,243.99
72595820	564	60.000	7.500	26.00	59,818.79
73656720	610	90.000	7.750	48.00	143,898.36
72675804	524	85.000	8.990	28.00	212,383.68
73678807	649	89.744	6.600	48.00	349,689.69
73717449	558	66.154	9.500	49.00	64,468.27
72708829	576	30.500	9.100	42.00	60,840.24
72778541	702	90.000	6.550	26.00	194,855.39
72835481	500	60.000	8.100	46.00	299,802.75
72837388	636	88.542	6.100	23.00	254,750.96
56609266	500	70.000	9.650	42.00	348,978.88

72890106	557	88.302	9.500	42.00	93,553.96
72938244	612	85.526	6.600	33.00	129,884.74
73720484	634	75.385	6.250	33.00	195,814.02
72915507	571	90.000	9.500	42.00	197,902.60
72939028	590	71.662	6.250	44.00	103,901.32
73827461	677	80.476	6.990	31.00	341,744.09
69783868	619	75.000	7.990	43.00	88,440.49
50037571	586	77.806	8.500	48.00	75,844.33
73028888	528	70.629	7.650	40.00	100,927.27
73042020	662	87.816	5.650	50.00	381,593.53
73042244	575	81.692	8.300	11.00	265,332.42
73067522	528	75.000	7.250	54.00	102,669.84
73226367	576	90.000	7.990	32.00	166,388.05
73292989	612	73.973	5.850	24.00	269,723.40
73847568	567	62.632	7.350	40.00	237,817.99
73864985	631	80.903	7.500	40.00	116,413.54
74416108	556	75.000	10.100	36.00	61,473.37
73324444	556	75.000	9.850	52.00	86,787.19
65888042	721	36.163	6.250	33.00	189,273.19
73865289	558	58.824	5.950	34.00	239,758.78
73424004	541	75.000	8.990	45.00	134,926.11
73447245	589	75.000	11.990	49.00	78,727.41
73898207	583	75.000	11.800	41.00	67,429.90
74453200	510	74.286	8.990	39.00	129,928.84
74492083	545	84.615	8.750	53.00	131,924.05
73449621	587	90.000	9.950	46.00	93,558.14
73898728	537	85.000	9.990	41.00	127,443.47
73476962	525	83.636	9.250	47.00	459,761.52
73899007	552	84.270	10.350	26.00	74,824.79
73899247	526	75.000	8.500	51.00	142,272.73
73900086	545	85.000	9.950	46.00	135,939.19
74570185	521	73.242	9.100	26.00	93,699.85
73007544	560	70.000	10.550	49.00	206,418.81
73493223	531	70.000	11.600	43.00	76,975.92
73494221	548	73.265	10.250	53.00	284,880.49
73936726	619	85.385	7.750	49.00	110,921.66
74649740	595	60.000	7.990	18.00	59,959.65
71191324	540	43.083	6.600	17.00	77,042.02
73963142	585	90.000	7.500	42.00	143,893.13
73552267	582	78.261	7.990	51.00	89,939.48
73580086	698	90.000	6.850	50.00	94,420.22
73698185	504	74.984	7.150	35.00	280,967.24
73729824	609	90.000	8.990	33.00	112,438.41
67173203	726	30.750	5.990	26.00	60,912.05
73734840	520	84.066	7.850	14.00	229,341.25
74017161	579	88.953	7.950	31.00	76,448.14
74018102	597	75.135	6.350	15.00	138,870.63
74018227	594	70.000	7.250	48.00	125,901.70
71898167	688	54.211	5.990	31.00	514,486.33
73182263	534	85.000	9.900	38.00	246,388.60
73184160	638	83.583	11.350	47.00	250,667.18
73217341	683	90.000	6.750	41.00	179,845.02
70721022	512	74.157	8.250	36.00	65,915.53
71966980	563	90.000	8.600	36.00	158,305.99
72072820	503	75.000	8.950	39.00	89,950.32
73239485	565	77.931	8.990	28.00	112,938.14
73768806	570	90.000	8.500	49.00	152,907.31
74699349	627	85.914	8.950	48.00	399,279.49
74744749	673	90.000	5.990	33.00	234,652.72
73802886	617	82.373	5.990	50.00	485,515.25
74044322	513	73.793	8.250	40.00	106,931.77
74088204	556	84.706	10.990	50.00	143,948.54
74745142	508	58.542	8.750	27.00	140,419.16
74089244	544	75.000	10.850	45.00	140,198.32
73907040	555	85.000	8.550	21.00	64,561.27
69963502	538	85.000	8.250	24.00	123,092.26
72278104	581	89.474	7.990	36.00	76,448.56
74119165	698	93.846	8.550	46.00	121,926.84
73982548	697	66.926	5.950	11.00	154,844.21
74096223	514	75.000	7.550	43.00	104,922.85

74100900	596	87.189	7.500	41.00	244,818.17
74186347	502	75.000	10.500	47.00	59,976.15
74198722	669	24.762	6.050	40.00	99,901.40
74201906	632	90.000	7.990	25.00	147,500.76
74274242	689	88.675	6.200	33.00	146,794.32
70796842	628	90.000	9.450	45.00	63,836.21
74280686	700	89.916	6.700	43.00	106,787.00
74235367	624	79.952	5.990	28.00	140,559.66
70123542	554	84.259	6.850	47.00	90,845.90
74752981	527	85.000	9.250	33.00	67,964.75
74281288	572	90.000	6.950	41.00	206,828.64
74328840	533	74.359	7.050	53.00	289,764.62
74331869	584	72.609	7.150	44.00	166,867.11
74335423	765	86.198	6.750	40.00	143,826.06
69898682	564	84.960	6.250	50.00	105,997.93
74237629	676	86.976	7.950	31.00	89,524.27
73423303	707	89.999	5.500	40.00	148,777.97
72351125	588	65.000	8.400	25.00	64,310.20
74433988	688	77.830	6.200	49.00	131,418.97
74436445	508	70.161	7.990	49.00	108,676.87
74478868	668	63.884	7.650	38.00	178,745.18
74481821	560	80.000	8.990	55.00	79,956.20
74482969	732	89.965	6.250	21.00	193,815.92
72469380	546	84.828	9.750	39.00	122,696.36
74306341	667	59.375	5.650	21.00	189,797.83
74342528	675	85.000	7.500	40.00	84,936.91
74344425	678	90.000	7.600	44.00	170,875.61
69937209	565	80.000	9.990	28.00	174,244.72
74653742	587	92.000	7.450	45.00	206,844.83
64792443	567	85.000	8.990	40.00	131,458.26
74377201	605	55.300	9.300	20.00	119,938.43
74378027	588	90.000	6.990	48.00	404,667.37
74716887	655	56.079	6.150	22.00	112,853.70
74996224	670	88.577	6.500	38.00	236,286.19
74418989	520	58.621	9.250	54.00	84,955.93
74419201	587	85.000	8.950	48.00	127,429.62
74420423	627	76.364	6.990	49.00	125,896.51
72662042	663	82.509	7.500	49.00	66,711.30
72664865	613	90.000	8.250	43.00	139,411.04
74801747	644	80.000	6.750	39.00	347,700.37
74802760	526	72.222	10.850	23.00	64,976.05
74804022	642	78.536	6.650	46.00	219,706.92
69953107	571	66.087	7.250	30.00	75,940.71
74467804	550	80.000	7.400	45.00	187,857.65
74875188	725	68.800	6.990	46.00	429,646.83
69961100	516	73.242	8.150	49.00	93,627.54
74879586	557	85.755	8.200	35.00	90,841.44
74881269	534	71.250	7.750	35.00	213,599.13
64693724	583	60.000	9.990	47.00	107,197.78
74507609	581	78.462	7.990	47.00	101,931.42
74509381	645	83.393	5.600	18.00	233,249.19
69996023	616	88.660	6.990	47.00	85,858.31
68560564	592	79.365	8.750	32.00	299,827.39
74551169	639	83.704	6.850	32.00	112,904.59
72836109	617	83.640	6.950	48.00	313,390.36
74621442	520	75.000	9.100	37.00	68,963.08
74671843	552	77.982	8.950	20.00	169,906.17
74679366	637	86.324	7.500	29.00	139,396.47
74679523	635	67.333	6.990	33.00	201,834.09
74883380	752	86.897	6.250	48.00	125,880.44
72852726	544	75.000	8.850	25.00	103,441.67
72919780	609	87.500	8.500	46.00	69,957.59
73390668	567	90.000	9.500	43.00	94,453.52
70732201	554	80.000	7.990	49.00	75,948.89
71077481	688	93.103	6.750	49.00	134,883.77
74773300	674	60.767	6.050	33.00	194,807.73
74860347	653	56.522	6.500	47.00	129,882.48
71363725	661	84.167	5.850	27.00	504,482.67
73017022	528	64.054	7.200	54.00	118,406.63
74862509	616	85.000	7.550	50.00	152,887.58

74962580	647	63.352	7.990	42.00	87,441.16
74957804	584	80.000	7.750	44.00	263,813.67
64891260	587	89.224	7.750	47.00	103,204.95
75077784	663	90.000	6.500	20.00	133,983.24
70069562	580	72.750	8.900	44.00	87,034.25
71514822	616	24.661	8.900	51.00	99,944.23
71526123	571	64.516	8.990	49.00	58,967.15
66107889	555	83.714	7.250	38.00	292,077.40
66448382	639	90.000	7.990	31.00	118,558.76
64628449	567	85.000	9.650	50.00	76,204.99
71558969	618	84.146	6.990	47.00	103,414.99
75245902	520	75.000	7.990	23.00	108,676.87
73035909	543	85.000	9.600	54.00	112,995.55
73452625	608	83.923	7.990	47.00	251,430.84
70120464	522	84.973	9.700	47.00	158,749.54
71802946	606	84.915	7.750	47.00	250,323.19
71893887	538	84.810	8.750	42.00	200,884.36
73276024	542	64.865	10.850	33.00	59,977.89
73309908	549	85.000	7.850	43.00	107,025.91
71919369	613	82.083	7.150	41.00	157,474.58
73479685	723	50.483	6.300	37.00	67,936.09
67211144	632	80.000	7.500	21.00	91,780.31
72028947	563	80.000	8.500	49.00	73,555.40
73054421	513	58.938	7.800	43.00	93,544.01
73135386	608	89.600	9.700	41.00	78,363.02
73156762	622	87.000	8.650	29.00	173,897.79
72085947	656	87.805	8.400	35.00	71,883.71
64561400	655	80.000	8.100	19.00	99,734.33
71544464	538	37.647	9.750	51.00	63,970.14
71546485	567	89.943	7.990	26.00	156,394.77
73157380	519	71.200	8.900	29.00	88,950.36
73171068	625	87.771	6.250	42.00	283,231.00
73190829	570	85.000	9.990	31.00	63,721.73
72140304	607	81.092	7.900	48.00	415,715.15
73373342	609	80.000	8.200	41.00	207,866.00
72220825	589	90.000	10.500	20.00	210,066.48
73425027	621	33.043	8.350	35.00	99,937.52
73431546	527	78.400	7.990	45.00	97,934.11
64574486	546	85.000	11.500	49.00	67,911.81
66077561	659	70.784	6.990	29.00	119,702.59
72258163	543	73.846	7.250	40.00	287,775.33
72315443	548	63.492	7.300	42.00	199,845.52
72316243	531	85.000	8.500	41.00	211,521.78
73637605	712	55.952	6.500	36.00	234,787.56
67293084	800	48.758	5.750	18.00	130,296.16
72369044	529	73.585	8.990	48.00	194,893.26
67883223	709	34.910	5.650	45.00	181,755.80
72411606	722	86.823	6.800	37.00	125,612.80
69919066	565	90.000	7.450	38.00	129,405.10
72519705	540	68.986	7.650	14.00	237,828.60
70089784	567	80.000	9.500	44.00	83,917.03
67931543	686	63.380	5.650	48.00	160,069.36
72679269	610	88.333	6.990	46.00	95,321.65
72683105	548	84.962	9.990	43.00	112,949.90
73506941	567	87.000	8.500	29.00	144,332.51
72732126	638	71.429	6.650	39.00	149,868.30
64500929	542	82.500	10.750	47.00	211,701.37
70576541	645	83.333	7.300	48.00	59,953.65
72787583	668	63.158	6.500	42.00	539,511.83
72838261	702	51.020	6.700	13.00	119,895.66
73628844	651	40.296	6.990	40.00	59,950.72
73711269	612	62.857	6.350	36.00	219,795.25
71266662	530	48.780	8.250	41.00	59,961.74
72840028	622	80.600	6.990	34.00	201,334.50
73713562	614	90.000	6.990	49.00	223,016.68
71812002	630	90.000	7.750	50.00	229,338.02
72141005	594	63.214	7.750	49.00	70,590.82
55315006	649	88.889	7.750	47.00	198,992.50
71714380	716	90.000	7.300	43.00	202,163.73
72998164	569	81.786	6.400	40.00	285,986.15

68241660	524	88.122	6.700	28.00	158,481.08
73561888	608	90.000	6.990	40.00	163,665.47
72198443	617	90.000	7.990	42.00	142,104.39
72373582	637	60.185	7.750	31.00	97,431.18
72457245	510	75.000	7.600	36.00	128,906.16
72550403	685	66.130	7.500	48.00	60,954.72
72551146	500	75.000	10.150	31.00	59,974.29
66868282	711	80.000	6.800	47.00	67,340.01
70424387	751	86.667	6.100	41.00	129,585.52
72788409	577	75.000	9.990	44.00	74,966.75
72898604	529	65.000	8.800	40.00	77,955.58
73224362	577	68.493	8.990	46.00	249,863.16
73246928	552	90.000	7.100	45.00	249,998.92
73074262	622	89.623	7.990	20.00	94,936.12
64623424	652	80.000	8.990	38.00	101,375.02
73265449	631	88.364	6.600	44.00	242,784.55
73063943	607	85.000	8.750	45.00	301,576.39
73158503	550	43.478	7.250	24.00	149,882.98
73153645	695	93.929	6.350	49.00	131,377.61
73155327	664	90.000	6.500	49.00	170,845.41
73289084	598	88.028	7.850	39.00	124,913.54
73500340	638	41.609	7.850	35.00	59,958.49
64432164	589	80.000	10.500	41.00	198,080.44
64434244	531	41.176	9.400	53.00	69,596.90
73307167	669	65.226	6.250	47.00	156,471.55
73349763	632	83.019	7.350	30.00	87,932.70
73386088	554	66.667	8.750	34.00	59,965.47
73632762	760	95.000	6.990	40.00	154,552.37
73411548	523	59.394	8.650	33.00	97,942.44
73451825	521	85.000	9.900	47.00	106,201.98
73472821	619	90.000	8.100	45.00	215,857.98
73763765	523	69.767	7.990	48.00	149,899.14
73621948	528	75.000	7.250	38.00	224,824.48
73623167	656	68.231	6.550	45.00	179,838.85
73378481	590	90.000	6.850	42.00	175,351.83
73397648	554	82.941	10.550	55.00	140,944.57
73643264	578	73.816	6.990	17.00	140,134.81
73850729	702	86.818	5.990	39.00	190,809.49
73438483	596	65.714	7.700	46.00	68,950.80
66930561	512	71.795	9.750	50.00	139,802.44
73771826	666	88.877	6.150	46.00	253,054.98
73948226	625	89.965	6.990	45.00	127,645.07
73972044	604	79.231	6.750	44.00	204,725.07
73973984	613	85.000	6.500	30.00	118,892.41
74015983	568	89.256	7.250	28.00	215,831.49
73956302	591	90.000	8.990	31.00	172,705.41
74018367	608	84.416	6.990	36.00	324,733.07
74018987	632	83.708	6.750	49.00	148,871.71
74062183	525	80.000	7.990	45.00	147,900.48
64568462	549	80.000	8.990	22.00	115,872.53
74130006	608	87.472	6.700	46.00	383,666.13
69621647	540	82.353	10.990	54.00	69,845.90
74175381	682	80.000	5.850	42.00	355,635.31
64804123	641	80.000	7.650	18.00	63,813.87
74226325	643	78.147	8.750	36.00	60,919.92
74227265	585	86.604	8.500	51.00	229,360.97
74230582	564	90.000	8.450	37.00	199,677.71
73723280	537	85.000	10.450	44.00	267,642.44
74230780	632	90.000	6.250	40.00	391,128.52
74261801	554	79.518	7.500	48.00	329,755.09
74304247	606	90.000	6.990	49.00	211,326.29
66009564	649	51.969	7.990	23.00	189,483.88
73746349	635	56.286	7.150	41.00	196,843.23
74355041	571	60.000	7.990	38.00	149,899.14
67027623	693	57.500	6.500	13.00	229,372.83
74417726	655	87.667	7.750	42.00	131,407.18
74418229	520	79.167	7.750	43.00	142,399.42
74420720	585	77.222	8.700	24.00	69,311.31
74515842	533	84.800	8.990	50.00	211,883.95
64474885	600	84.049	7.350	20.00	136,577.04

74516261	525	78.750	9.700	48.00	157,425.74
64558166	520	75.000	10.100	41.00	74,868.43
74524166	611	84.706	7.500	47.00	143,893.13
74588427	668	75.229	6.250	43.00	232,778.91
74634668	618	90.000	7.800	47.00	86,339.63
64447485	552	90.000	8.050	39.00	139,125.63
74980244	545	79.365	8.200	44.00	249,838.94
64294523	523	59.958	10.250	39.00	141,233.55
70630207	571	78.846	7.200	38.00	204,675.99
72172901	559	90.000	7.990	37.00	215,854.77
70232467	561	75.000	10.450	48.00	77,154.06
64326747	577	80.000	7.500	46.00	208,971.90
69813202	596	88.235	7.990	46.00	299,798.29
66041401	527	74.737	10.990	43.00	70,897.08
70687249	601	90.000	7.300	39.00	157,255.94
70310784	605	90.000	6.990	46.00	125,792.42
70117544	590	38.537	6.750	48.00	157,863.96
64856388	511	63.158	12.200	41.00	59,950.21
70688346	581	85.000	7.400	16.00	180,063.56
65867160	766	80.000	7.500	45.00	167,623.59
71842587	638	64.516	6.750	49.00	99,913.90
71842744	615	90.000	8.990	49.00	81,683.37
71979140	537	84.976	8.250	55.00	174,088.92
64242282	612	90.000	8.750	36.00	199,180.09
72015464	629	90.000	8.400	39.00	305,810.77
73477564	700	70.588	7.750	14.00	59,894.93
73504003	556	56.970	6.500	40.00	187,830.04
73520165	538	84.167	8.990	38.00	85,803.00
72133564	621	80.000	11.990	50.00	114,367.19
72242787	551	67.778	8.800	47.00	60,965.26
72281488	623	90.000	7.990	50.00	157,394.10
70550520	705	89.855	6.400	38.00	61,743.41
66862301	622	85.714	7.050	51.00	509,586.06
72325848	559	56.757	7.800	45.00	104,926.63
70083365	632	89.790	7.950	44.00	123,915.95
72396260	535	58.511	9.250	50.00	274,857.43
72410723	549	75.000	10.950	51.00	77,971.88
72477524	655	73.909	5.700	49.00	324,857.23
70334420	563	90.000	8.600	38.00	80,951.93
70343306	540	75.000	8.250	48.00	71,204.56
67021568	656	86.957	8.350	24.00	59,881.68
64265424	567	79.825	8.990	15.00	90,798.48
70555065	784	78.250	6.250	36.00	156,351.50
67159426	621	89.983	6.750	49.00	106,172.69
72588080	521	63.830	10.990	27.00	59,978.55
72608847	620	90.000	8.400	31.00	74,114.14
73564122	677	65.977	5.650	50.00	235,748.89
72700081	555	90.000	8.300	49.00	238,349.46
64158264	624	85.000	7.250	18.00	351,639.26
72798861	562	79.787	6.400	33.00	187,327.17
72813702	608	65.424	5.990	29.00	192,807.49
72814106	608	84.000	7.800	39.00	327,371.10
72814189	655	90.000	7.200	23.00	270,686.56
66962721	529	70.000	7.990	35.00	328,331.94
70803184	500	75.000	8.200	36.00	101,119.08
72853666	651	80.000	6.500	49.00	259,764.95
72871882	702	95.000	7.800	45.00	232,587.38
72898729	548	75.000	8.990	54.00	82,454.83
70217708	569	54.745	9.250	48.00	74,920.93
64427024	604	90.000	7.750	50.00	98,717.77
72996184	539	71.066	9.650	50.00	69,966.64
73029522	520	82.828	7.850	41.00	120,016.92
71602007	590	79.223	7.750	32.00	81,542.40
73029688	656	75.000	8.990	18.00	79,289.72
71602502	674	90.000	7.500	38.00	216,739.03
73030884	582	68.095	7.350	49.00	142,890.64
64183346	618	85.000	8.500	48.00	127,187.72
73058562	539	85.000	8.300	31.00	83,247.42
73058968	735	72.388	5.990	45.00	484,516.25
73073041	633	90.000	6.650	31.00	141,175.94

73148264	523	85.000	9.500	48.00	62,019.47
73160749	687	87.291	7.250	42.00	134,323.13
73202301	650	84.861	6.750	43.00	124,892.38
73599946	524	80.000	9.990	18.00	126,343.96
71886402	538	85.000	8.050	38.00	130,813.05
73299562	649	80.945	6.400	49.00	249,768.57
73332629	696	90.000	7.700	25.00	76,445.46
73638504	655	75.593	6.500	48.00	222,545.29
73639361	526	75.000	9.750	37.00	62,970.61
73372104	562	43.636	8.990	37.00	119,934.31
73406449	572	85.000	10.400	45.00	76,468.93
73425464	643	84.333	6.950	41.00	126,395.28
73449449	670	54.808	7.100	41.00	284,770.95
72028244	686	21.126	6.900	27.00	59,809.05
73486029	587	85.000	10.400	41.00	78,168.24
66851049	604	84.926	7.250	50.00	85,997.04
72149149	572	76.296	6.990	20.00	102,915.41
67597385	624	81.651	8.500	41.00	88,837.08
50126432	607	91.364	8.650	28.00	60,046.58
73661100	589	82.034	6.990	45.00	241,801.24
73684441	737	89.267	5.700	50.00	170,320.29
73708307	612	88.754	8.450	48.00	256,343.00
73734600	586	75.000	7.350	23.00	209,839.40
72384928	551	75.667	7.990	29.00	113,423.68
73736126	633	90.000	7.750	43.00	133,105.98
71088348	582	90.000	7.990	23.00	245,368.51
73797326	524	75.000	8.700	46.00	85,450.30
73798928	566	85.000	8.990	20.00	93,448.82
73799264	625	85.000	5.950	44.00	263,235.16
72564586	580	90.000	8.800	49.00	85,451.31
73828162	613	90.714	10.750	38.00	63,424.17
72564883	567	80.769	9.400	49.00	104,947.25
73851487	540	74.436	7.250	32.00	83,110.64
73873200	671	90.000	9.750	23.00	70,167.25
72810823	682	79.886	6.450	39.00	350,778.95
72858749	531	35.619	7.250	45.00	186,854.12
73894867	580	86.538	7.600	39.00	157,385.43
73008088	607	80.000	7.150	26.00	99,920.42
70728662	530	85.000	8.250	38.00	127,336.83
73896060	570	89.338	8.800	48.00	121,430.81
73896649	596	89.800	8.990	50.00	283,344.82
64124407	600	75.000	8.250	47.00	80,791.24
73934580	602	80.000	6.800	32.00	99,914.74
69455509	681	80.000	9.800	6.00	65,539.18
73987687	541	75.000	8.950	48.00	71,960.26
70696588	604	85.000	6.990	44.00	94,272.51
74018565	625	74.074	8.350	25.00	59,962.51
74019183	533	85.000	10.900	50.00	63,726.76
74020421	697	82.778	6.300	43.00	148,859.98
74021122	679	72.522	6.650	45.00	83,326.78
64126261	581	82.857	8.500	31.00	144,644.86
73661563	554	80.000	9.450	38.00	59,970.17
74056227	617	90.000	8.100	29.00	94,437.87
71054027	552	29.028	8.750	44.00	59,965.47
74074642	592	84.800	7.750	50.00	254,220.44
67503607	665	64.800	6.800	49.00	161,583.29
67649384	627	65.233	5.850	29.00	204,366.91
74102609	591	90.000	7.990	36.00	121,418.31
74130204	571	91.993	8.350	39.00	147,096.04
74131020	654	89.752	5.750	39.00	288,698.26
74172800	584	87.857	6.750	44.00	184,341.14
74193145	564	90.000	10.250	27.00	60,274.71
74195900	566	69.257	6.500	41.00	356,350.56
71404487	632	84.141	7.550	45.00	312,039.33
74260001	591	83.333	8.500	28.00	99,939.41
74260183	527	53.367	6.990	31.00	261,285.22
74322967	640	90.000	8.450	49.00	472,210.80
57538068	612	45.852	8.250	41.00	209,043.07
74324229	517	74.754	7.990	28.00	227,846.70
74336744	576	70.000	10.500	30.00	192,423.50

74365842	591	76.923	7.150	42.00	99,920.42
71332340	636	89.384	7.990	40.00	130,412.25
74366907	512	75.000	8.990	52.00	149,917.89
74417262	616	90.000	6.500	33.00	152,861.68
74417700	638	84.321	8.200	27.00	73,452.65
74447764	722	90.000	5.700	22.00	170,819.76
74489808	530	85.000	8.700	50.00	271,841.88
74490160	525	80.000	8.850	46.00	139,921.10
74518069	513	47.429	8.750	28.00	82,952.24
70949003	562	81.765	8.400	52.00	138,914.04
65544249	551	88.889	9.600	38.00	199,708.72
74519067	603	64.533	8.250	43.00	241,845.68
63820344	553	68.667	8.350	39.00	102,673.74
69473148	616	90.000	7.350	38.00	70,541.61
64897507	642	90.000	8.500	40.00	67,758.39
68645886	664	86.571	7.600	28.00	60,511.54
74522947	538	53.000	7.550	33.00	105,922.12
63003321	531	75.841	9.500	55.00	123,753.12
74565524	569	85.000	8.200	44.00	97,687.03
74607946	507	53.279	8.450	20.00	64,960.21
71495261	624	88.246	8.500	41.00	76,453.66
58833823	535	85.000	11.990	31.00	63,251.09
64805344	623	90.000	8.990	37.00	71,840.53
74609942	533	72.368	7.990	26.00	137,407.55
63928261	577	89.213	7.500	48.00	270,115.92
74289562	534	80.000	7.500	35.00	211,842.66
74314006	621	80.000	8.800	39.00	99,943.05
74314725	591	80.380	7.990	33.00	73,900.27
74338641	567	90.000	7.650	24.00	98,928.71
74679804	576	90.000	6.990	46.00	165,463.99
74682162	615	76.316	6.500	47.00	144,868.92
74645300	556	83.190	12.300	47.00	192,948.34
74391244	611	90.000	6.990	43.00	157,370.64
74392283	701	75.909	8.750	44.00	125,177.93
63887848	535	75.000	9.750	31.00	119,773.30
74704743	607	89.362	7.050	47.00	209,829.55
74706540	526	54.000	6.990	26.00	161,866.94
74425885	602	85.000	7.990	27.00	110,425.71
74694886	647	83.938	6.500	41.00	189,828.24
74455809	508	72.500	7.990	50.00	434,707.53
74520669	532	75.000	9.990	22.00	103,454.11
74767849	693	66.298	6.500	31.00	59,945.75
74769803	699	50.588	6.550	33.00	343,692.03
74607920	746	85.714	7.550	37.00	59,955.91
74795881	535	85.000	8.990	37.00	331,318.55
74837709	597	90.000	8.600	32.00	134,919.88
74698366	509	75.000	9.990	51.00	149,933.50
64708803	612	80.000	8.500	39.00	121,302.18
74737982	628	73.514	8.500	51.00	271,835.22
74891425	690	70.952	5.600	35.00	148,839.95
74891508	541	38.686	7.050	37.00	264,784.92
74929043	736	67.539	6.200	27.00	128,727.35
60480621	548	73.134	8.500	49.00	97,637.40
62345269	600	73.115	8.990	33.00	222,150.75
72150048	633	90.000	8.950	36.00	70,161.25
72150964	571	65.000	7.250	47.00	129,898.59
75034629	625	83.692	6.200	48.00	271,739.41
75034868	600	64.615	8.500	46.00	83,949.11
75071365	516	51.500	8.500	55.00	411,750.40
73113920	648	76.926	6.700	49.00	96,073.40
74744525	645	37.430	7.500	46.00	73,945.08
64143860	647	90.000	7.990	44.00	76,292.18
75107789	565	69.644	7.750	38.00	154,500.87
73720328	533	85.000	8.750	55.00	135,921.75
73267866	563	80.000	8.250	37.00	211,864.81
74744541	773	84.946	7.650	48.00	236,829.33
72207988	588	85.000	6.990	27.00	186,846.41
73318347	668	71.014	6.990	21.00	97,919.51
74745167	670	90.000	5.650	45.00	125,865.93
74746280	517	52.500	7.990	21.00	125,915.28

74747205	563	80.000	6.600	50.00	231,794.31
72511207	589	85.294	7.100	49.00	144,883.47
73376204	575	79.288	6.700	33.00	244,786.98
74749821	661	90.000	6.100	35.00	148,354.97
74823246	711	73.184	5.900	16.00	157,839.67
67838201	545	75.000	9.750	48.00	164,767.17
75146043	693	60.000	6.750	36.00	101,912.17
75154005	525	65.556	9.500	35.00	117,941.96
73424426	522	75.286	8.500	34.00	131,670.18
63937841	522	73.113	9.600	52.00	154,697.79
74047705	547	72.979	6.990	26.00	171,359.14
74048349	649	79.074	8.100	33.00	86,923.81
73485781	659	67.925	7.650	41.00	71,948.14
74892522	523	77.407	7.500	44.00	104,422.45
73520025	635	58.824	8.950	33.00	70,000.00
73555203	675	72.400	6.500	41.00	90,201.85
72436306	602	80.000	8.800	17.00	79,954.45
73645186	574	84.906	6.650	50.00	269,762.94
68785567	725	35.593	7.250	28.00	62,851.65
74896309	668	69.863	6.400	37.00	254,764.95
74898305	513	75.000	7.750	51.00	153,641.48
62956040	655	44.280	7.300	43.00	59,809.80
74898982	659	57.387	7.650	45.00	73,746.85
73687949	521	75.000	8.350	54.00	116,177.37
73897985	600	90.000	6.600	41.00	161,856.37
73750945	701	87.467	7.100	49.00	327,736.40
73777047	740	89.665	7.500	34.00	90,942.45
74989740	513	70.732	7.400	52.00	289,780.42
73777401	656	88.372	6.990	46.00	151,875.16
73727687	601	68.333	7.750	49.00	286,797.43
73730202	590	76.240	8.990	48.00	95,247.84
70917745	723	86.808	6.050	27.00	156,100.93
71389308	640	90.000	6.350	37.00	314,706.83
71586564	641	90.000	6.950	26.00	233,806.29
75052381	535	75.000	8.300	26.00	299,810.64
74079229	717	67.978	6.500	23.00	60,300.69
74079781	675	86.588	6.350	48.00	367,657.50
73811606	678	87.429	5.990	48.00	152,847.40
73847105	619	71.604	8.650	51.00	113,783.13
73931727	512	75.000	10.550	34.00	173,181.89
72603947	569	72.115	9.650	34.00	187,410.64
72606569	650	84.395	6.750	9.00	264,771.84
73869786	520	63.158	10.100	45.00	59,974.01
73870180	562	84.516	7.500	50.00	130,902.77
72696040	618	80.000	7.990	37.00	74,349.97
74110842	551	75.000	9.400	53.00	98,950.26
68686666	652	75.000	10.990	39.00	74,538.67
68810464	755	90.000	9.850	42.00	80,963.00
73973224	574	85.000	8.550	35.00	178,392.96
73973349	560	80.000	9.990	49.00	59,973.40
74004847	598	85.000	9.750	29.00	182,664.73
74028507	647	89.860	7.150	37.00	220,824.14
74130303	759	83.333	5.700	50.00	99,894.59
74130725	651	85.227	6.250	38.00	149,857.67
71805386	729	80.000	9.650	20.00	59,971.40
74163940	659	89.182	7.500	48.00	98,027.20
72199847	655	90.000	7.750	32.00	125,911.07
72200785	530	75.524	8.200	50.00	107,930.42
72560709	616	75.000	10.100	28.00	59,974.01
72563687	644	85.000	6.800	31.00	93,420.27
72612526	531	62.500	8.400	11.00	69,956.71
69968865	505	75.000	12.050	54.00	59,983.02
63093462	592	85.000	8.900	49.00	86,168.23
70397104	511	67.368	10.400	55.00	63,974.01
70545983	523	85.000	8.600	30.00	87,498.04
70908421	603	87.500	6.450	48.00	332,196.48
56272180	584	75.000	9.990	38.00	171,951.10
70919188	620	89.474	7.600	35.00	84,938.16
71055446	612	80.000	8.990	20.00	67,962.77
71128888	526	74.813	7.750	35.00	200,358.49

72667165	555	90.000	8.990	22.00	93,458.82
71409882	535	88.000	9.500	46.00	206,698.28
67197202	553	85.000	7.990	45.00	61,117.43
72995004	549	66.667	8.500	24.00	59,963.65
73045445	578	77.240	7.100	37.00	192,944.81
73051328	527	75.000	9.990	48.00	125,194.47
66166208	536	62.787	9.800	51.00	158,303.53
74221664	639	82.209	7.900	47.00	133,908.25
61630240	546	85.000	9.950	15.00	144,171.53
59849802	531	64.538	9.250	31.00	83,633.92
71276166	571	75.000	8.500	44.00	59,927.04
71742100	538	83.191	9.650	47.00	195,406.84
71757827	612	75.000	11.100	43.00	63,727.76
57899528	516	35.928	9.600	52.00	59,792.78
70032180	588	85.000	9.990	39.00	137,638.95
70051966	755	65.352	5.500	51.00	306,164.51
62673504	639	90.000	8.990	49.00	89,800.69
70926167	580	87.895	8.750	27.00	83,403.55
68415363	540	48.000	11.550	26.00	71,954.26
71899868	632	90.000	8.300	47.00	107,931.83
74895483	657	80.000	7.350	33.00	68,747.38
72986144	551	75.000	7.850	43.00	74,948.12
73064420	611	84.559	6.850	28.00	229,805.82
73744526	573	89.962	7.990	39.00	238,239.71
71309702	642	90.000	9.650	16.00	75,563.97
74457409	533	75.000	9.400	42.00	142,428.41
74461344	547	58.824	8.500	52.00	109,933.36
72828627	639	83.077	5.990	37.00	269,730.69
73876286	566	90.000	9.650	48.00	139,433.52
73876542	618	63.964	6.700	41.00	354,691.34
72036049	655	90.000	7.500	38.00	404,699.43
72052285	550	67.424	7.990	42.00	133,410.24
72132749	550	90.000	8.990	18.00	112,438.41
72186687	589	75.000	8.800	50.00	262,349.52
72683741	549	84.668	7.750	34.00	216,597.01
72137003	675	89.489	7.050	48.00	314,744.33
73352049	536	82.000	8.500	54.00	69,657.77
73352189	612	90.000	7.750	48.00	121,414.24
70797204	524	59.111	8.500	44.00	398,758.28
72242100	603	85.000	8.990	47.00	199,640.66
62915921	531	80.000	9.900	54.00	107,802.33
58184649	523	80.000	8.990	54.00	61,392.43
58250846	535	80.000	9.550	29.00	133,201.99
73812000	522	74.242	7.990	47.00	244,835.27
72378482	714	89.444	6.100	50.00	241,264.15
73252009	659	89.951	5.990	16.00	127,872.32
72483423	538	75.000	9.400	48.00	59,969.85
72407489	762	95.000	6.200	44.00	175,581.62
75033241	691	65.095	7.600	19.00	81,223.85
75033266	667	60.000	6.800	40.00	86,925.82
74406521	585	85.000	8.500	16.00	72,206.23
73939522	710	74.438	5.550	31.00	594,854.30
73939746	516	66.522	7.500	45.00	152,886.45
72448442	540	80.000	7.650	14.00	295,786.83
73002008	527	85.000	9.500	43.00	63,718.64
73777708	546	70.000	8.990	36.00	104,942.53
73778300	616	90.000	7.990	49.00	361,556.75
66982802	560	84.000	9.900	49.00	104,815.94
75096420	638	85.000	9.250	42.00	144,425.08
71008460	524	72.258	10.200	52.00	223,809.29
72530264	612	84.507	9.200	45.00	59,844.28
73836967	603	74.087	6.400	48.00	425,607.34
74282005	674	79.583	6.150	21.00	183,822.02
70004262	605	83.621	7.990	45.00	96,869.12
70861380	538	75.000	8.050	32.00	152,898.38
73771628	590	83.003	8.350	27.00	229,856.31
71926745	604	61.058	6.750	50.00	126,890.66
71311286	636	77.023	7.250	34.00	118,907.17
72830326	619	90.000	9.300	47.00	152,921.50
73464422	633	89.802	6.500	50.00	316,713.42

71360622	620	89.907	7.150	40.00	480,617.25
66845041	587	83.712	7.750	50.00	165,396.75
72489602	514	54.348	8.200	16.00	74,951.68
72536261	674	74.203	5.800	30.00	241,749.72
71439228	659	90.000	7.300	45.00	118,615.92
73141566	645	80.000	7.600	14.00	85,138.02
73217929	574	84.649	7.100	32.00	156,474.14
70478128	572	77.075	7.050	35.00	194,682.52
72648884	506	40.000	9.750	51.00	59,972.00
72694144	529	57.143	7.850	28.00	99,930.83
69197564	559	71.429	9.250	50.00	69,963.70
71413520	637	53.429	6.950	32.00	186,845.19
72202484	721	87.429	9.050	46.00	61,108.94
73263667	646	78.571	6.500	30.00	87,920.45
72331820	663	68.966	10.050	45.00	199,912.46
72846983	650	91.230	6.500	48.00	154,859.87
72749302	573	89.691	10.500	29.00	86,965.42
72817307	578	61.444	7.750	43.00	110,521.93
72868003	720	76.586	5.850	35.00	209,537.36
72998743	611	85.000	8.990	27.00	61,166.50
73054587	656	87.241	6.850	49.00	252,786.40
73320426	545	33.333	8.750	45.00	59,907.27
60563681	653	81.496	6.990	5.00	205,964.94
73487662	615	89.600	7.990	33.00	111,924.69
72909666	659	83.516	8.050	49.00	141,883.70
73646226	579	57.490	8.850	31.00	79,214.92
73689424	694	80.000	5.850	49.00	163,831.99
73733362	526	85.000	9.250	23.00	123,186.10
74007360	540	68.000	9.150	33.00	101,946.00
55043343	532	85.000	10.750	37.00	98,333.00
74134362	605	80.833	6.200	26.00	387,628.29
74164286	622	88.235	10.250	50.00	59,974.83
74222969	614	63.333	6.250	24.00	94,909.85
68000488	585	83.111	9.500	13.00	74,726.13
72913981	536	53.333	8.900	42.00	79,955.37
61013884	584	80.870	8.990	43.00	463,443.97
74586884	542	55.276	6.990	51.00	219,819.31
74610007	595	85.000	10.750	23.00	73,922.16
74684085	565	78.580	7.200	50.00	138,191.03
74734989	510	54.545	10.650	48.00	59,976.91
72920606	598	63.462	10.050	46.00	164,927.78
73013385	624	80.000	6.950	37.00	302,949.00
74770728	755	90.000	5.900	38.00	145,652.05
74870122	574	82.960	6.150	48.00	184,821.05
74894585	668	85.612	6.400	44.00	118,838.59
73202046	643	51.982	7.900	26.00	65,151.49
74986886	636	75.000	6.990	8.00	59,950.72
75071621	706	88.991	9.350	28.00	104,955.69
62441027	555	90.000	9.750	33.00	97,016.38
68022920	667	75.000	7.500	40.00	83,310.36
68187905	612	90.000	6.990	49.00	139,270.17
73582587	510	65.000	9.450	46.00	123,438.60
63673107	588	80.000	9.500	29.00	79,840.69
71313688	656	90.000	6.950	34.00	148,377.06
63776124	575	84.211	7.990	41.00	159,565.38
71482665	524	65.000	10.990	32.00	97,465.16
71756167	556	81.702	9.200	50.00	191,899.41
71833602	574	84.933	8.700	51.00	63,662.97
71901763	609	74.766	9.950	35.00	79,964.22
68182948	631	69.269	7.500	47.00	189,479.79
67060780	699	80.000	5.750	42.00	104,470.16
72024243	605	75.000	8.400	51.00	168,645.64
63832968	629	80.000	8.850	46.00	183,580.59
72024946	556	90.000	6.990	23.00	170,859.56
72192388	662	84.409	6.250	31.00	535,491.42
63889828	651	80.000	7.650	50.00	59,825.50
72192701	652	62.179	6.800	22.00	240,794.53
65056384	645	76.826	7.990	23.00	88,109.99
71016844	617	77.778	7.600	22.00	69,949.07
72372881	587	80.000	8.800	48.00	79,877.14

58517368	714	70.000	7.250	49.00	124,007.86
71054506	551	54.545	9.300	39.00	299,690.99
72389760	601	82.500	6.200	34.00	465,678.43
67304642	665	41.499	6.150	8.00	124,635.40
67396440	675	80.000	7.350	50.00	115,732.24
72690506	675	72.000	6.400	41.00	89,917.04
64014608	530	89.904	9.850	37.00	93,327.05
72786320	546	83.365	9.750	48.00	216,648.87
63724421	521	73.171	8.750	18.00	59,860.36
72821242	535	75.000	11.950	49.00	68,230.25
72822547	560	80.000	8.500	41.00	62,362.19
65315848	675	69.663	8.990	34.00	61,032.09
73814709	586	76.179	7.990	48.00	161,391.41
73818809	621	77.852	6.500	30.00	108,770.75
69300903	538	85.000	9.500	29.00	110,390.85
72986821	676	56.370	6.750	45.00	245,788.19
73018244	618	88.406	6.750	5.00	304,737.40
73019044	557	90.000	9.700	19.00	130,438.47
73033607	542	85.000	8.500	46.00	313,459.99
73061509	543	85.000	8.750	40.00	123,179.09
73091126	630	80.000	7.300	28.00	81,536.97
73869844	508	73.815	9.750	46.00	84,847.39
73108888	606	46.800	7.500	48.00	116,913.16
73110546	652	90.000	6.300	18.00	355,165.93
73942401	568	90.000	8.350	50.00	131,317.91
73942500	608	76.842	6.450	36.00	218,800.09
73020869	699	88.246	10.700	43.00	251,404.28
73030421	591	87.000	6.450	26.00	265,107.78
59594341	510	64.516	9.850	29.00	79,776.19
73132300	598	90.000	7.800	26.00	131,308.19
73152548	619	89.939	7.950	49.00	146,500.63
73165060	619	84.762	7.700	48.00	88,936.54
73046724	530	80.374	9.990	42.00	85,961.87
73165961	636	79.842	6.750	38.00	201,826.08
73206542	515	74.417	8.500	53.00	124,424.58
73206625	578	75.000	8.990	28.00	114,687.19
73223224	548	70.000	8.950	34.00	219,118.99
73250144	590	90.000	7.600	49.00	215,842.87
67584086	535	48.485	7.990	52.00	159,784.13
65227563	647	89.942	7.750	5.00	122,869.71
73307340	540	70.213	7.500	29.00	164,877.54
73322182	675	90.000	7.450	14.00	125,905.54
73354243	621	89.787	7.700	37.00	210,849.57
69238525	575	87.059	6.990	19.00	147,878.44
73966962	563	84.000	6.500	32.00	167,848.12
73430282	728	90.000	6.100	27.00	80,920.89
73431942	686	29.700	6.990	47.00	67,606.91
73451684	592	89.670	8.500	50.00	81,550.56
73475402	645	75.294	8.600	19.00	63,962.02
73512220	576	67.568	8.450	37.00	124,923.49
73514929	589	75.758	6.500	19.00	249,773.99
73558405	525	78.846	7.990	33.00	204,862.17
73609406	686	90.000	5.750	38.00	180,711.12
73610008	573	75.000	9.550	52.00	109,446.70
73628687	663	90.000	6.850	39.00	188,840.44
64901507	617	80.833	9.100	47.00	96,790.03
73650863	577	85.000	9.500	19.00	142,304.97
73652323	521	60.000	10.750	34.00	88,766.56
73702342	561	79.646	6.990	25.00	89,926.08
73730327	629	90.000	6.500	49.00	106,553.58
74034802	524	80.795	10.700	27.00	60,976.78
74037003	571	74.595	8.500	26.00	68,958.19
73790701	563	90.000	7.050	47.00	314,744.33
63665889	530	85.000	9.600	27.00	199,360.56
73791303	615	85.000	10.250	44.00	318,616.33
73792806	594	85.000	6.990	41.00	133,340.39
73871568	523	79.688	8.150	38.00	254,834.04
73872269	612	68.293	7.500	14.00	139,896.09
63458160	511	75.000	10.990	52.00	127,315.23
68365923	600	90.000	8.500	47.00	143,912.76

73904187	721	95.000	6.500	36.00	137,625.47
55359541	556	80.000	10.500	44.00	63,817.18
73952707	540	76.552	6.990	48.00	332,726.50
73953325	540	85.000	9.950	46.00	149,533.10
69842268	507	60.000	7.990	34.00	108,415.40
74063066	606	71.006	7.500	25.00	59,955.47
74064205	768	83.766	6.500	40.00	128,883.38
74065947	590	86.700	6.990	42.00	216,571.98
74089889	565	90.000	8.750	22.00	116,932.69
73994741	584	84.878	8.400	35.00	86,946.20
71459424	537	71.292	7.750	41.00	148,788.98
74029901	760	83.916	5.850	12.00	599,384.36
70286901	537	75.000	10.600	36.00	59,976.66
70404124	531	84.976	9.800	47.00	174,119.58
75112540	648	80.435	5.900	43.00	369,624.56
74047523	569	79.286	6.990	49.00	221,817.66
69454205	634	90.000	7.950	50.00	95,785.03
70700505	630	70.000	9.500	46.00	87,377.09
69658946	521	80.000	9.600	55.00	83,159.93
69705408	655	82.854	7.200	44.00	105,141.30
69898807	581	77.714	8.200	30.00	67,956.19
75155085	610	62.264	7.500	47.00	164,877.54
74048968	599	67.167	7.300	40.00	402,688.72
74049446	545	80.000	7.950	37.00	99,932.21
74049560	729	61.639	6.990	33.00	80,433.88
75160861	652	87.097	6.990	44.00	134,889.12
74090564	696	90.000	6.950	49.00	494,590.23
74116740	639	85.000	10.950	40.00	122,355.87
75168781	598	84.906	6.150	34.00	224,782.36
67222661	661	90.000	8.950	32.00	60,199.41
75175927	576	62.500	7.400	27.00	199,848.57
75483289	612	63.333	7.700	43.00	75,945.82
74158908	705	90.000	6.100	34.00	136,216.83
74159963	538	74.560	7.990	17.00	465,686.68
74160466	566	88.696	8.850	47.00	101,942.51
70485008	674	90.000	6.950	40.00	71,940.39
74187543	581	81.988	6.850	44.00	263,777.11
74214743	541	70.000	8.500	41.00	90,944.86
70587522	549	75.000	9.900	20.00	64,470.85
70737465	554	69.394	8.150	42.00	114,425.48
68835701	641	80.576	9.990	42.00	200,611.02
74214867	566	75.000	8.200	29.00	102,683.81
75269183	553	71.429	6.800	19.00	174,850.80
75024240	589	80.000	7.850	29.00	123,914.23
74955303	613	89.552	7.990	29.00	599,595.59
74957267	598	65.909	5.990	43.00	144,855.37
75086868	662	90.000	7.990	49.00	179,878.97
71658421	538	54.600	8.500	26.00	136,417.31
74284969	643	90.000	8.900	47.00	110,278.46
71625941	508	73.892	12.700	52.00	149,926.19
75003269	610	78.652	7.750	43.00	139,901.19
75010025	644	69.697	7.600	12.00	114,916.34
75010140	573	82.344	9.800	49.00	263,378.36
74318288	574	75.000	8.500	26.00	59,963.65
74319328	565	71.698	6.990	35.00	189,843.95
75010967	581	75.000	9.550	39.00	68,078.41
71489405	652	89.796	7.650	42.00	87,936.62
71575120	543	75.000	8.750	25.00	75,632.92
75041228	506	71.810	8.990	53.00	241,867.53
74399940	615	87.395	6.650	26.00	207,817.38
74400466	589	78.077	6.850	35.00	101,414.31
71808349	564	85.000	7.250	44.00	114,395.76
71822803	636	68.750	7.500	39.00	109,918.36
71834147	525	85.000	10.150	41.00	191,168.06
71590046	588	85.000	8.250	49.00	169,891.59
71824288	635	80.000	6.100	44.00	295,710.92
52414901	528	60.000	9.990	44.00	66,386.99
71939508	702	79.949	8.990	37.00	405,278.04
74403007	572	65.000	8.250	33.00	90,941.97
74404948	628	64.286	6.500	32.00	89,918.63

71861660	664	35.058	7.300	27.00	71,944.38
57133860	522	85.000	12.990	52.00	144,260.91
75044503	526	85.000	8.250	53.00	348,277.77
74473380	571	79.999	8.990	48.00	343,806.71
74473489	586	77.869	7.750	47.00	94,932.94
74503160	550	84.112	6.200	43.00	179,827.55
74504309	559	79.279	10.990	47.00	87,968.55
74738469	590	75.000	8.300	47.00	164,895.85
74773003	597	90.000	7.250	21.00	80,936.81
69111029	581	90.000	8.900	43.00	213,181.04
69146421	532	75.000	10.200	45.00	104,955.49
74541749	636	54.898	6.500	42.00	134,877.95
71888788	636	84.783	6.990	32.00	272,775.78
71933584	534	65.000	10.450	54.00	64,973.88
71956049	616	72.432	6.750	15.00	66,783.99
71990709	624	89.130	7.990	35.00	89,070.07
74804865	692	37.727	6.500	43.00	84,923.16
74809823	614	89.038	8.100	49.00	146,815.41
74226267	580	85.000	8.500	45.00	87,496.96
74226382	637	67.961	7.990	45.00	69,952.93
72032360	548	75.000	9.100	38.00	67,463.89
74227703	570	69.224	7.300	21.00	151,482.90
74843343	536	82.353	8.250	34.00	139,910.72
74843400	663	85.000	6.750	47.00	356,692.63
74872342	626	70.278	6.750	47.00	252,782.17
74846288	530	82.979	9.900	51.00	194,911.87
74848763	553	66.667	6.550	24.00	199,820.95
72033046	533	74.167	9.600	27.00	88,957.13
74542648	688	89.888	5.990	48.00	322,377.14
72089964	554	90.000	9.650	49.00	175,416.36
74851825	574	85.000	9.990	40.00	127,443.47
74228123	565	85.000	7.800	27.00	288,798.07
74266966	581	86.301	9.850	13.00	62,915.41
74895400	549	30.000	7.850	47.00	89,937.74
74542986	539	75.000	9.650	51.00	78,712.47
74543406	597	85.000	8.500	35.00	76,453.66
74543869	518	65.778	7.150	31.00	295,764.46
74590886	668	79.688	7.750	29.00	63,705.00
74630369	626	72.500	6.550	17.00	86,922.11
69952760	618	68.966	9.650	34.00	59,971.40
70159140	598	67.143	7.750	47.00	469,334.41
74950742	563	81.567	6.400	46.00	176,836.85
74630708	670	70.865	9.500	49.00	188,407.27
72148760	572	90.000	10.990	46.00	77,372.34
75083246	620	69.027	7.250	12.00	127,600.38
74630781	621	89.999	9.550	24.00	101,957.35
74877804	668	90.000	7.800	44.00	359,748.46
74877887	574	89.297	7.750	35.00	114,219.33
74883000	628	89.412	6.550	26.00	151,863.92
74883281	567	68.718	7.750	45.00	133,905.42
75055962	780	95.000	6.750	40.00	332,213.72
74685629	649	75.000	8.990	53.00	166,408.86
75085787	597	56.949	6.750	30.00	167,855.35
74687385	648	84.615	6.900	47.00	65,871.75
74690504	557	89.362	8.700	50.00	125,926.75
74724485	609	84.190	6.050	52.00	441,564.18
74713181	653	39.679	6.950	39.00	74,762.35
74715129	644	90.000	7.700	47.00	94,432.63
72344104	536	70.000	8.500	43.00	100,599.02
74716408	630	47.866	7.990	31.00	70,296.08
74781568	534	85.000	10.650	51.00	263,398.62
74785569	535	66.667	11.450	42.00	59,730.64
74787144	599	85.000	9.500	46.00	169,916.37
74787540	655	86.977	5.990	31.00	186,813.48
74789322	583	75.000	8.200	25.00	59,961.34
74882309	572	65.477	6.990	35.00	108,274.99
74317603	565	59.467	8.100	50.00	222,853.38
74953001	622	89.989	7.990	25.00	81,834.94
74953167	766	63.151	6.450	50.00	59,945.22
74901125	538	70.608	7.250	55.00	104,418.47

74901364	549	85.000	7.990	48.00	152,897.13
74341785	632	82.176	6.250	46.00	554,160.68
74903527	519	65.000	8.500	17.00	62,362.19
74397241	753	90.000	5.900	30.00	188,723.04
74955501	612	83.273	6.850	50.00	228,806.66
74955709	533	82.353	7.990	31.00	279,811.74
74428608	578	90.000	9.750	39.00	244,685.78
74428640	541	71.429	8.500	48.00	249,848.54
71874267	536	85.000	10.850	54.00	63,726.51
71973408	558	85.000	11.950	28.00	526,847.52
75085506	704	89.999	8.990	39.00	132,001.70
72103245	591	55.556	8.250	50.00	74,952.18
74268988	569	57.471	6.500	26.00	99,909.60
74697343	604	73.107	5.990	47.00	279,719.72
74463449	598	60.000	6.990	41.00	230,810.28
72259880	603	75.000	8.990	19.00	142,421.99
74306028	679	84.868	6.750	32.00	128,888.93
74491424	577	69.767	6.500	44.00	305,723.37
72277387	589	80.000	7.990	33.00	198,906.17
74344300	532	75.000	9.350	32.00	142,427.65
72277627	553	87.500	6.750	50.00	262,273.98
72316086	638	89.585	7.950	38.00	104,429.16
72330681	555	76.667	6.900	29.00	114,903.85
63932602	705	90.000	7.500	49.00	133,122.15
74525429	580	82.194	6.850	38.00	127,292.43
73649121	578	90.000	7.990	31.00	107,927.38
73691842	551	72.481	9.650	25.00	93,455.44
72348808	554	76.429	6.700	17.00	320,720.90
72396880	533	85.000	10.550	50.00	80,718.25
73738445	677	92.222	6.250	30.00	414,606.23
73778821	543	62.687	7.450	24.00	125,905.54
73779506	595	63.025	7.800	49.00	149,895.19
72412620	527	75.000	7.750	29.00	169,380.37
72654445	639	90.000	7.750	38.00	109,722.50
74587346	632	67.848	5.800	44.00	267,722.83
73820607	619	77.218	6.990	48.00	96,442.72
73850521	674	80.000	6.700	18.00	173,449.06
73850901	505	80.550	8.250	35.00	108,673.66
74619701	728	80.000	6.050	47.00	183,818.57
73871840	616	80.000	10.150	43.00	71,969.15
74746744	555	67.376	9.200	40.00	94,950.22
74749862	738	53.896	6.550	40.00	110,900.63
74663881	506	71.429	6.600	45.00	99,911.34
75074104	634	89.130	6.350	37.00	122,885.53
74944760	550	84.583	6.100	41.00	202,801.75
63021380	582	86.957	9.990	43.00	99,820.41
72658222	564	90.000	7.990	44.00	116,921.34
72703705	531	84.816	11.900	52.00	105,988.98
74653601	778	90.000	6.600	40.00	103,408.23
74654666	641	90.000	7.500	49.00	220,336.36
73115867	544	84.906	8.990	49.00	247,364.52
73215782	537	75.000	11.250	31.00	66,675.40
72766843	521	80.328	11.750	42.00	97,970.35
60784584	667	88.718	6.500	28.00	344,097.65
73325128	569	74.852	9.900	40.00	75,715.77
73975161	611	37.463	7.750	46.00	125,129.21
73385163	659	80.000	7.950	43.00	71,791.00
72612849	583	90.000	8.650	48.00	114,232.86
74684408	539	85.000	8.500	48.00	110,433.06
74684861	549	36.327	7.350	33.00	88,931.94
74010521	641	63.333	6.850	48.00	284,759.39
72676927	549	85.000	9.250	55.00	130,832.13
72885486	537	75.000	6.990	39.00	460,871.16
74940826	603	85.000	9.250	26.00	76,460.34
72885965	681	28.031	5.990	36.00	100,652.41
72887508	715	84.703	6.150	47.00	135,236.86
74780263	552	78.090	9.800	55.00	138,935.83
62407846	563	90.000	7.990	43.00	98,662.71
70516802	656	75.094	7.990	35.00	59,959.65
70528062	626	90.000	7.150	19.00	157,374.67

70993860	621	90.000	7.250	50.00	179,859.58
71027304	645	70.000	7.550	35.00	125,907.42
74780347	623	85.714	6.850	49.00	59,949.34
74781402	646	60.000	9.500	31.00	89,955.73
71421622	634	85.000	7.500	36.00	119,761.05
71614861	583	72.727	7.500	48.00	239,821.88
71630529	530	85.000	8.990	37.00	85,803.00
73110843	529	53.571	7.500	48.00	149,888.67
73298523	643	89.994	7.300	46.00	110,114.88
69414803	536	60.000	8.400	38.00	137,914.66
59261487	520	70.000	9.990	15.00	151,420.90
74569161	527	75.000	7.990	46.00	239,838.63
72709181	604	85.000	7.950	48.00	90,888.34
73523789	523	85.000	9.600	37.00	123,190.64
74575382	701	77.062	6.600	50.00	216,807.61
73606501	602	80.000	6.950	45.00	343,715.22
73606824	586	85.000	7.650	24.00	84,938.79
74577065	574	79.602	7.990	47.00	159,892.42
70281548	633	60.000	8.990	46.00	329,819.36
74052440	644	75.000	6.350	39.00	284,734.75
71836605	512	75.000	8.990	45.00	164,909.68
74086828	688	41.777	6.500	48.00	88,569.86
70150461	617	92.432	6.800	22.00	170,707.57
72109622	628	90.000	6.850	51.00	344,858.60
70515929	637	80.000	7.990	50.00	83,943.52
72711104	628	80.000	6.600	24.00	143,872.33
72780869	579	87.222	7.800	28.00	156,890.30
72781560	676	68.101	5.950	36.00	268,729.63
74113366	553	74.595	7.250	32.00	137,892.34
72855463	639	65.842	7.250	22.00	132,752.33
74135906	534	67.532	8.150	20.00	259,830.78
68526060	612	83.333	8.990	48.00	59,934.05
69671287	522	59.625	8.800	51.00	95,345.67
68247881	568	88.235	7.750	48.00	224,681.36
73056921	575	36.512	7.500	38.00	156,883.48
68666742	564	90.000	7.990	38.00	101,562.79
69853083	510	60.000	8.500	36.00	158,806.66
74958448	540	55.000	10.400	51.00	60,475.43
74959586	661	78.355	5.990	39.00	242,657.73
73904807	622	67.699	8.990	48.00	76,458.12
71792840	663	85.000	8.500	48.00	394,714.01
74195561	617	90.000	7.150	27.00	112,410.47
69770766	557	87.255	6.900	47.00	266,776.78
58913187	603	82.222	7.950	36.00	147,388.03
73202863	635	80.000	6.990	45.00	165,463.99
74473042	518	69.959	8.850	45.00	85,301.90
74473984	529	80.000	8.500	40.00	83,949.11
74710864	562	90.000	9.250	42.00	400,292.37
69948669	742	68.571	6.550	45.00	71,870.73
69971083	507	68.966	10.990	31.00	59,956.90
70038369	574	83.333	6.150	32.00	149,854.90
74167321	624	90.000	9.990	7.00	197,912.22
73417545	562	80.000	6.750	50.00	311,731.37
71240741	531	75.000	8.450	41.00	117,677.93
72226228	553	80.000	8.250	28.00	94,339.80
72163744	531	63.333	9.990	33.00	75,966.30
72187586	588	59.829	7.990	46.00	69,952.93
73837783	571	84.211	7.990	33.00	399,731.05
73964462	585	87.805	6.750	23.00	180,000.00
73861569	660	80.000	6.990	32.00	68,743.49
73285389	536	52.846	9.700	41.00	64,969.35
74316480	602	78.000	7.800	46.00	116,918.25
70085303	634	90.000	7.990	45.00	341,770.05
70089206	525	75.000	10.950	23.00	63,301.30
75097105	686	17.671	7.500	26.00	59,955.47
74479908	621	85.000	7.350	44.00	69,646.69
57058885	609	85.000	7.750	30.00	106,639.06
74344920	619	78.367	6.990	39.00	191,842.30
74345240	608	76.471	7.600	39.00	64,952.72
72852882	598	90.000	8.990	35.00	117,835.46

73990343	599	87.379	7.300	35.00	89,930.48
74510827	609	89.262	8.250	50.00	132,915.19
70111380	552	77.079	6.250	47.00	137,069.81
72571805	503	75.000	8.500	45.00	80,201.38
67817049	572	80.000	10.250	34.00	59,974.83
74832700	579	65.242	9.750	23.00	74,992.99
73966509	512	65.000	8.990	50.00	77,957.30
71257869	505	62.500	7.600	53.00	149,890.88
72745508	570	90.000	7.950	29.00	247,332.24
70162102	574	80.000	9.450	45.00	67,105.00
70453741	581	84.962	9.990	46.00	112,949.90
74168923	548	85.000	10.200	30.00	254,891.91
74474420	663	69.512	6.350	38.00	284,408.33
73858904	506	75.000	9.300	35.00	71,213.45
73500068	600	84.731	8.300	46.00	282,821.37
73904849	770	80.000	5.390	32.00	100,687.36
74196866	600	67.172	8.500	25.00	66,459.71
70781281	563	74.545	9.100	18.00	81,956.13
69734580	585	89.417	9.250	48.00	413,569.09
69950566	545	70.000	9.450	41.00	167,916.48
70336300	615	85.903	8.600	42.00	230,661.68
71245724	544	85.000	9.500	55.00	95,153.17
71422307	579	57.143	8.700	35.00	59,965.12
69430908	605	83.231	6.150	47.00	162,143.01
70119748	544	90.000	10.500	39.00	161,935.62
72045206	616	81.690	7.650	28.00	289,791.15
72162860	544	85.000	8.990	54.00	286,293.20
71080683	627	80.000	8.050	40.00	110,326.67
72116643	543	75.000	7.500	55.00	146,141.45
72211980	664	89.999	7.550	23.00	192,456.48
72537087	622	60.816	7.500	54.00	148,889.42
70766365	696	90.000	6.950	43.00	215,011.86
72714728	574	75.472	7.650	47.00	59,893.62
70896089	550	75.000	8.600	33.00	131,172.11
59913608	533	85.000	8.500	55.00	165,136.71
72785868	531	75.000	7.500	38.00	178,367.53
72856263	628	80.000	9.750	44.00	59,972.00
72933005	695	90.000	7.050	39.00	62,049.59
72566144	542	61.667	8.850	33.00	184,895.75
73217283	564	80.000	8.990	34.00	71,960.58
73275406	610	87.048	8.250	35.00	72,131.10
72614704	572	89.701	7.500	24.00	539,599.24
73326662	529	70.588	9.750	27.00	59,918.38
73428609	583	90.323	7.650	20.00	111,919.34
72670789	533	44.932	7.200	40.00	163,870.78
72721129	585	85.000	10.400	37.00	73,070.31
63160469	575	75.047	8.900	43.00	80,117.51
72910763	569	75.000	9.990	31.00	74,070.68
73609208	613	79.242	6.500	42.00	261,263.60
73698524	765	80.870	5.990	55.00	278,721.72
73821621	517	75.000	9.500	28.00	208,397.44
69913101	696	91.701	8.900	50.00	307,028.67
70771167	581	83.000	6.850	24.00	165,859.84
73910580	569	90.000	7.990	34.00	89,939.48
73936908	591	86.897	6.900	44.00	125,894.66
72930589	535	84.462	10.500	45.00	166,323.87
74032426	659	90.000	6.500	43.00	251,772.18
74136961	588	89.385	7.250	50.00	290,273.37
74169764	520	73.846	7.500	40.00	95,928.75
70874466	627	79.873	7.300	49.00	566,661.98
72957343	657	56.190	6.750	42.00	70,571.73
71367825	575	72.391	11.100	22.00	83,191.63
74264466	607	84.810	6.750	44.00	334,711.57
74292822	589	77.500	6.850	36.00	220,688.52
74320607	609	84.721	8.200	36.00	72,813.06
74372160	697	81.077	5.650	44.00	105,287.85
74402066	540	73.043	9.250	45.00	83,956.45
74429226	533	58.929	11.150	20.00	65,977.22
74564840	641	90.000	5.990	50.00	184,315.97
72980188	622	88.710	6.200	36.00	274,736.54

74594144	565	65.128	7.250	25.00	126,900.92
70263264	533	69.000	7.750	46.00	137,902.60
71537724	561	89.855	8.150	45.00	309,798.25
74627142	732	79.602	6.050	25.00	159,842.23
74655929	788	54.667	6.800	26.00	81,930.09
71778641	527	73.333	8.990	36.00	65,963.87
71867360	531	84.295	8.700	53.00	67,396.79
73009441	507	75.000	11.400	52.00	92,219.86
74686486	590	89.767	6.250	24.00	192,816.87
69048106	625	89.997	7.250	50.00	340,466.35
74710302	519	74.942	7.600	29.00	108,666.00
74740101	561	69.429	7.950	50.00	218,551.76
74595463	620	67.733	6.350	38.00	253,763.60
72080005	557	80.000	8.700	31.00	75,955.81
72120926	651	90.000	7.250	45.00	265,292.88
74597329	674	86.538	5.500	50.00	224,753.72
74598764	677	80.000	9.250	45.00	67,964.75
73027880	720	80.000	5.650	47.00	299,680.79
74774365	596	69.688	7.850	37.00	222,845.75
74775982	664	56.110	5.990	49.00	163,836.42
72936644	532	70.000	10.990	53.00	96,565.48
74810763	633	71.044	9.990	48.00	99,417.90
74811324	640	76.923	6.500	14.00	249,773.99
74348046	625	76.923	5.850	41.00	499,486.80
74349226	604	85.000	8.990	32.00	208,985.54
73048209	550	79.853	9.100	21.00	64,965.23
60882529	582	78.571	8.250	28.00	164,356.09
73065849	532	85.000	8.750	47.00	139,319.79
73127649	586	80.000	10.400	47.00	279,886.31
74844028	589	81.714	7.990	30.00	142,903.85
74844325	528	80.000	7.900	47.00	247,030.73
71688303	527	83.607	8.250	49.00	152,804.20
64355746	646	90.000	7.650	45.00	161,528.84
72315708	617	75.777	8.350	26.00	79,343.11
73138000	635	73.182	6.100	47.00	160,842.76
73128043	518	61.224	7.500	39.00	299,777.35
73148801	590	83.260	9.500	37.00	188,907.03
73196727	551	90.000	7.990	43.00	107,927.38
71988703	590	80.000	10.200	46.00	63,972.87
72546146	583	74.824	6.900	44.00	317,734.15
72547201	510	75.000	9.050	54.00	86,203.37
72586522	533	80.000	9.650	53.00	63,969.50
74876103	648	84.556	6.900	41.00	75,857.81
73152860	546	71.429	7.650	51.00	149,552.91
74658543	587	52.000	8.800	20.00	168,903.76
71870109	603	70.000	7.550	45.00	141,191.55
72648389	597	80.000	8.990	49.00	107,940.88
72666449	596	62.093	5.990	29.00	266,733.69
73216202	593	74.353	8.990	48.00	126,330.81
73217705	621	75.000	7.850	35.00	78,695.53
73217903	525	75.949	8.990	22.00	59,967.15
74660507	590	85.000	8.990	49.00	106,191.84
74387143	566	90.000	10.050	32.00	71,968.48
74389206	516	73.469	7.450	39.00	89,932.53
72751803	504	75.000	7.800	13.00	164,884.71
74468828	532	85.000	8.500	31.00	103,637.17
74470469	641	86.250	7.900	32.00	206,858.26
74431503	724	73.571	8.200	36.00	205,867.29
74441528	718	66.012	5.650	21.00	241,742.50
74661083	604	66.316	6.850	37.00	142,459.62
72766009	584	73.000	6.850	28.00	109,407.55
73219164	574	74.556	8.150	40.00	251,835.99
73274946	537	75.000	8.400	51.00	74,953.62
73153207	524	81.707	9.400	49.00	66,966.33
73153744	617	86.471	8.250	39.00	146,906.26
73156283	579	90.000	7.800	49.00	130,408.81
72811169	569	85.000	7.350	35.00	297,272.49
73275323	556	85.000	6.990	48.00	190,243.62
74493321	675	68.048	5.950	28.00	219,778.88
73275869	708	80.000	7.100	16.00	119,903.56

73201386	577	69.696	6.400	24.00	80,076.12
74434101	511	75.000	10.350	27.00	67,472.29
74473463	554	75.000	8.750	52.00	449,741.09
74495961	622	87.811	7.990	39.00	249,830.91
74496746	558	75.000	7.450	40.00	179,865.07
74348863	561	89.164	7.700	33.00	143,897.33
74351842	551	66.964	9.600	49.00	93,515.37
72869167	547	78.947	7.990	39.00	74,949.57
73330128	633	75.000	7.050	49.00	97,420.86
74355066	561	89.773	7.700	48.00	157,887.35
74436882	659	55.427	6.700	45.00	223,805.24
74954082	517	29.032	10.250	16.00	89,962.25
74954520	725	88.571	5.990	29.00	185,814.48
72090442	537	72.327	8.400	47.00	229,857.77
72869605	502	75.000	8.700	40.00	113,184.16
72913809	539	65.000	8.750	55.00	97,443.90
74813486	618	75.000	8.200	43.00	449,710.10
74815788	609	74.432	7.200	45.00	261,793.57
74266107	638	83.333	8.650	48.00	59,964.75
72979685	572	89.804	6.850	47.00	228,806.66
72997703	555	85.000	7.850	50.00	212,353.01
73025587	548	85.000	8.100	42.00	110,427.35
73049124	636	80.000	6.990	12.00	283,766.74
74293689	632	77.632	6.990	42.00	294,757.71
56265069	778	41.454	5.990	29.00	137,021.59
74824566	634	80.000	6.050	39.00	363,641.09
74320789	546	84.248	8.990	50.00	475,739.45
56199060	707	61.364	6.500	31.00	268,515.49
73355182	611	77.924	6.500	41.00	459,334.37
74342569	652	63.651	8.150	9.00	211,182.47
73175028	593	90.000	6.950	47.00	161,865.89
74826603	512	56.250	9.400	23.00	89,954.78
75039180	562	75.000	9.700	42.00	210,650.62
75039347	688	57.931	6.350	48.00	419,609.11
74527540	624	77.037	6.150	47.00	207,798.80
74528787	730	85.976	8.300	48.00	211,366.51
74372442	731	91.102	6.350	49.00	222,992.26
69937001	504	73.480	9.990	48.00	108,701.78
73275760	655	80.000	7.550	43.00	131,903.01
74227885	503	74.943	8.750	49.00	328,810.71
73362808	597	72.321	7.400	48.00	202,346.68
73408700	718	89.400	7.990	46.00	268,019.68
74208125	679	70.370	6.050	36.00	189,812.65
70331749	627	90.000	6.990	46.00	202,333.68
63429104	619	83.838	7.750	30.00	82,412.95
74376021	586	83.117	6.400	33.00	319,705.05
74376625	618	74.576	8.500	30.00	131,920.03
73380420	610	80.000	9.100	49.00	64,467.02
73380669	574	84.483	8.500	42.00	244,851.58
74379900	702	69.118	5.900	37.00	234,761.54
74534967	662	74.583	6.650	49.00	178,842.84
73442147	648	89.041	7.950	21.00	64,955.94
74593187	667	70.633	5.750	40.00	155,337.64
70339866	713	79.612	6.750	23.00	81,858.38
73481327	570	75.000	9.500	48.00	119,940.97
64360480	633	90.000	7.990	38.00	112,194.37
74238627	647	71.429	6.700	48.00	74,934.79
66963406	536	81.337	7.990	51.00	139,615.91
66994062	601	85.000	9.800	47.00	63,660.98
73564502	539	73.500	8.250	50.00	80,621.48
74430927	633	60.486	8.250	54.00	217,611.14
73565228	568	89.014	7.750	34.00	315,776.96
74266826	549	54.545	8.750	47.00	59,965.47
74267907	598	86.897	8.450	48.00	125,922.88
73590648	506	55.714	9.250	41.00	194,898.91
74274044	623	79.238	8.200	52.00	83,146.39
73615361	631	84.431	6.990	31.00	140,884.20
74466061	588	80.000	10.150	49.00	131,943.44
73398760	595	75.000	9.700	43.00	86,209.33
73421208	658	42.421	7.100	35.00	74,857.76

74403627	629	36.765	8.500	34.00	124,924.27
74405804	605	83.472	6.250	22.00	300,214.86
74319187	584	84.167	8.450	28.00	201,876.36
74118027	589	77.567	6.650	41.00	101,910.44
73494205	530	66.000	7.750	45.00	82,441.76
60441029	564	89.524	9.990	35.00	93,744.65
74122805	546	64.677	7.550	35.00	259,808.96
70454608	663	89.786	7.050	14.00	125,597.97
73686180	548	85.000	8.400	49.00	250,594.94
73686966	539	60.000	7.750	34.00	170,879.31
74406307	570	75.238	8.550	48.00	78,952.63
74406448	684	71.072	5.900	47.00	116,681.48
70483763	524	59.286	7.400	51.00	124,405.73
70486386	527	74.074	8.300	48.00	199,746.65
70487889	557	70.297	7.250	43.00	141,561.65
67050401	533	73.198	9.700	32.00	81,134.11
74688664	684	87.105	6.150	36.00	330,679.83
73716243	659	84.188	6.500	38.00	134,578.23
73762007	786	84.833	5.600	50.00	313,544.84
73777823	704	37.042	6.200	48.00	120,590.98
73532681	562	70.000	8.750	50.00	61,214.75
73457863	562	80.000	6.500	37.00	103,905.97
74295387	569	63.636	6.650	44.00	174,846.35
74032806	598	90.000	7.650	49.00	197,857.41
64588403	645	86.208	7.650	32.00	124,637.43
73533283	582	84.746	7.900	45.00	99,931.52
73512162	649	89.673	6.750	12.00	101,242.75
73778185	646	64.247	6.050	27.00	130,870.83
73779282	546	73.636	9.700	40.00	80,961.80
73519266	582	80.870	8.200	36.00	92,940.08
70513205	762	68.800	6.650	39.00	85,654.57
70514328	581	82.500	8.950	47.00	65,926.87
73834129	606	76.923	6.050	37.00	249,753.49
73857765	532	85.000	7.800	55.00	336,364.81
73859787	679	90.000	6.550	49.00	337,197.85
74144882	642	85.000	7.550	44.00	84,937.54
74145541	551	75.000	9.990	47.00	106,452.78
74014242	538	69.903	8.550	29.00	71,885.88
74015520	574	77.957	6.300	48.00	144,863.73
74018144	708	86.772	6.500	36.00	82,161.43
74061284	678	80.000	5.990	41.00	295,358.60
73580268	505	68.023	8.150	38.00	292,309.63
73581886	611	64.000	8.650	13.00	63,962.40
74628405	621	89.844	6.600	29.00	172,347.06
74628843	626	63.158	8.990	48.00	59,967.15
74630567	595	89.888	7.750	42.00	159,887.07
73519423	632	90.000	7.600	39.00	247,319.96
73911406	659	86.769	6.200	31.00	333,739.96
73911448	621	90.000	7.750	28.00	296,790.38
73912263	597	89.865	6.700	50.00	298,989.81
73613903	574	80.000	9.750	47.00	59,972.00
74088428	528	80.000	9.250	40.00	59,968.89
74092446	542	84.000	7.800	54.00	167,882.61
73948267	601	27.347	7.050	18.00	133,891.24
73949968	586	80.000	6.990	34.00	279,770.03
73950669	585	90.000	7.990	30.00	125,915.28
74149527	560	84.884	10.350	48.00	72,970.04
73713380	641	90.000	5.850	34.00	287,704.97
73746687	586	73.684	7.850	43.00	69,951.58
73972705	662	78.947	5.950	47.00	599,396.96
73972820	639	80.000	9.990	49.00	115,948.57
74007949	658	88.953	6.450	47.00	229,290.50
70345160	584	88.350	6.990	41.00	90,850.08
71241301	529	74.757	8.750	55.00	76,911.08
58381260	743	80.000	6.990	34.00	114,623.95
74692583	534	75.000	10.990	39.00	194,930.32
74034943	525	85.000	9.500	42.00	458,774.22
73752560	679	60.000	5.990	45.00	599,401.55
73880445	617	78.571	6.250	45.00	247,265.15
73773962	564	90.000	9.750	46.00	143,932.81

74492885	541	76.212	7.450	55.00	251,311.47
74036344	583	69.231	6.990	48.00	89,926.08
74036682	532	81.136	9.550	47.00	89,206.55
64322506	677	72.485	7.250	28.00	238,224.12
72500200	527	75.000	10.350	54.00	116,202.29
74033028	587	88.172	7.750	9.00	81,942.12
73931420	508	67.778	9.400	51.00	60,969.35
74034422	536	46.667	8.500	37.00	69,957.59
73934283	673	77.922	6.250	33.00	299,715.34
74031444	667	30.000	6.550	43.00	199,820.95
70563549	520	80.000	8.950	35.00	83,953.63
70596283	615	90.000	9.900	47.00	400,136.52
72565708	605	82.500	9.250	55.00	152,545.87
74067562	562	59.153	6.400	45.00	232,582.03
74068420	557	84.337	7.300	32.00	139,891.87
74123266	524	75.000	8.900	55.00	93,697.71
74096124	662	86.022	9.450	44.00	399,801.16
70699509	688	84.368	6.250	44.00	143,963.27
74139288	643	56.978	6.500	34.00	167,248.66
74140963	642	80.000	5.900	32.00	167,829.53
74670860	534	54.902	9.300	29.00	83,956.90
72567407	528	84.211	11.300	55.00	239,919.85
74500240	631	85.375	7.990	38.00	68,254.07
74099920	676	59.403	6.100	25.00	206,797.84
74183088	643	65.514	10.150	41.00	70,069.96
62473004	507	60.000	11.350	26.00	62,896.01
73832503	605	86.868	6.250	31.00	157,949.99
73854523	633	78.873	9.450	27.00	279,860.81
73912289	530	68.966	7.900	33.00	99,931.52
73915480	564	85.000	6.990	50.00	93,320.29
73916587	558	46.154	8.990	46.00	59,967.15
61061081	544	85.000	10.400	35.00	107,726.38
74173048	516	73.529	7.990	42.00	74,949.57
74174723	629	84.787	6.990	46.00	79,634.53
72266364	616	90.000	8.800	46.00	84,551.82
72294804	659	81.481	6.850	45.00	109,907.13
73855488	519	75.000	9.750	54.00	86,959.41
72622426	616	73.404	6.990	35.00	137,886.65
66190000	536	85.000	10.750	50.00	60,281.22
74175084	720	70.513	6.500	34.00	274,751.39
74175647	609	82.500	7.750	24.00	162,525.00
74220021	610	90.000	6.700	41.00	278,757.42
74180464	586	72.857	6.700	46.00	127,389.15
74184763	531	85.000	9.900	44.00	84,961.58
75118042	504	75.000	8.250	28.00	125,170.12
66324401	577	80.526	9.200	42.00	61,135.61
70729785	656	68.431	7.650	37.00	86,937.35
70745187	584	57.143	7.600	49.00	299,781.77
73916900	574	82.727	7.500	48.00	90,932.46
73822363	658	85.417	5.990	47.00	184,315.97
74255001	527	79.000	8.990	53.00	118,435.13
73887226	608	81.461	6.400	35.00	362,165.87
73887424	661	80.000	5.450	48.00	255,717.15
74303884	670	85.000	6.600	50.00	140,125.66
73829541	689	89.722	5.500	45.00	322,646.46
73837262	529	75.798	9.150	25.00	71,212.27
74671462	588	57.252	8.950	44.00	149,917.20
74672346	572	79.585	6.990	28.00	114,905.55
74304007	527	80.000	7.500	50.00	135,899.06
73910549	557	70.943	6.450	26.00	187,828.38
74064544	682	69.822	5.700	29.00	235,751.25
73181182	554	85.000	8.750	49.00	124,028.60
73942740	650	75.500	6.850	26.00	150,704.81
73948085	643	55.105	7.750	24.00	115,418.48
73936502	601	90.000	7.500	45.00	136,698.47
59042861	523	57.737	9.990	50.00	249,320.97
74341322	693	52.174	7.990	50.00	59,898.00
74341348	560	27.059	8.550	35.00	114,931.05
73993628	595	81.876	6.400	48.00	93,844.12
73994220	512	75.000	7.600	49.00	71,198.17

72623861	582	80.000	8.500	49.00	83,149.59
72666969	644	89.838	5.990	47.00	166,034.23
73220386	659	75.000	8.990	48.00	59,967.15
73953705	596	79.239	8.400	22.00	145,709.84
73783284	606	90.000	8.900	39.00	71,959.84
73785404	563	65.789	8.450	42.00	162,400.53
62529540	539	85.000	9.990	52.00	144,240.51
74411166	606	46.353	6.600	43.00	196,825.34
74731746	606	57.243	9.550	27.00	327,840.35
74027467	538	76.133	8.400	23.00	125,542.31
74732322	658	61.250	6.500	42.00	489,557.03
73956948	528	73.319	7.990	21.00	87,191.33
68676428	550	90.000	9.100	50.00	89,951.85
74903725	576	66.000	7.850	48.00	82,442.93
75119305	671	90.000	6.450	50.00	215,802.82
72698327	625	78.108	6.250	40.00	288,725.78
73854689	628	58.824	7.250	37.00	99,691.30
74201781	592	68.889	6.400	49.00	185,828.55
73854903	536	71.739	7.750	50.00	82,441.76
73856882	588	90.000	8.850	46.00	116,934.07
73863367	633	84.000	6.990	40.00	125,757.82
74451949	536	74.901	6.800	54.00	189,338.43
73865560	613	85.000	8.750	28.00	61,954.10
73873440	536	57.014	7.650	49.00	201,854.53
74226689	583	73.718	6.450	40.00	114,895.02
74227489	643	60.949	5.450	50.00	172,808.85
74484486	679	90.000	7.750	35.00	201,457.71
74486523	555	72.727	9.450	45.00	239,880.69
73710469	681	86.252	6.250	50.00	581,647.58
73710865	666	90.000	9.150	49.00	242,871.36
74058280	656	65.327	6.990	35.00	129,893.22
74084963	671	87.907	6.750	18.00	188,837.27
74085028	532	75.000	7.750	39.00	254,820.02
70607189	521	85.000	8.750	28.00	90,048.16
73580789	574	87.000	9.500	34.00	65,217.90
73581183	590	82.000	7.650	36.00	106,411.01
74533761	729	88.595	5.650	44.00	321,257.80
74534140	659	74.286	7.350	42.00	129,900.58
74120445	549	74.554	7.990	52.00	166,887.71
74325820	530	60.180	9.350	37.00	76,232.32
74327206	594	64.506	6.990	42.00	104,414.17
64052624	723	79.243	7.500	50.00	72,814.64
74329947	551	65.041	7.500	46.00	479,643.77
74435686	714	73.500	5.600	34.00	293,684.20
74535626	559	67.429	6.300	49.00	117,889.11
74586843	529	80.000	8.990	48.00	159,912.42
74587304	628	70.526	5.900	24.00	267,728.06
74610585	514	53.571	11.800	36.00	59,982.05
74615345	585	85.000	7.350	36.00	114,662.24
74662982	647	88.816	9.750	37.00	134,937.02
74150301	767	85.423	6.750	48.00	121,195.56
73981425	609	90.000	7.990	37.00	106,128.60
73982902	710	83.129	7.700	21.00	121,984.68
74791468	565	83.459	7.250	36.00	276,034.49
73747560	617	86.187	6.990	42.00	159,315.04
73747784	684	86.763	6.900	49.00	194,187.52
73615940	561	83.353	8.990	40.00	133,292.00
74670803	607	81.638	8.350	32.00	144,409.72
74154147	507	75.000	8.750	28.00	59,837.83
74186727	655	90.000	6.990	22.00	116,903.91
74715822	706	80.987	6.300	46.00	209,802.65
73619900	552	80.000	10.250	33.00	59,974.83
74811407	519	65.000	7.550	51.00	116,914.03
64084163	536	64.000	9.990	39.00	95,827.63
74813841	525	75.000	7.300	22.00	108,666.00
67076604	561	94.189	6.250	44.00	173,751.40
73752644	522	55.814	9.950	41.00	59,973.17
73753881	543	86.624	7.990	24.00	135,908.55
74213885	636	85.000	6.750	38.00	267,519.46
74214909	672	90.000	7.600	36.00	180,183.84

74814005	591	85.000	10.500	31.00	71,371.62
73875627	636	84.727	10.250	31.00	232,902.29
73875700	599	89.781	7.250	35.00	122,904.05
73878621	554	75.000	9.500	18.00	59,970.48
73429946	646	90.000	6.990	40.00	180,032.01
74816802	642	66.940	6.650	30.00	194,828.79
74818428	647	84.980	7.990	45.00	216,554.30
74215906	552	80.000	7.600	39.00	195,058.01
74233966	637	90.000	7.550	46.00	108,819.98
74234261	634	70.588	8.990	40.00	59,967.15
64284300	654	90.000	7.650	45.00	89,738.23
73433104	577	46.027	9.350	47.00	167,914.71
67706408	774	90.000	5.250	5.00	126,212.26
74872623	539	65.000	7.350	46.00	194,850.88
74877028	583	39.063	7.350	40.00	74,942.65
73452245	604	90.000	8.990	35.00	64,764.53
73460503	564	88.575	7.500	54.00	378,818.65
75001040	530	40.000	9.400	36.00	59,969.85
74237025	559	84.968	6.800	27.00	131,587.71
73495889	554	80.000	7.990	45.00	88,740.29
67004382	617	84.157	8.400	43.00	96,599.19
73526360	576	70.606	6.500	19.00	232,789.36
73566440	554	28.929	5.950	41.00	161,837.17
58491069	743	79.474	6.700	20.00	74,585.53
73984288	536	70.000	8.100	43.00	181,880.33
73395360	694	93.182	6.900	34.00	204,828.61
73399503	550	92.169	8.990	37.00	76,458.12
73400400	556	80.000	7.990	47.00	95,935.45
73403404	537	75.000	11.100	46.00	59,979.06
73403883	706	71.407	5.990	34.00	241,758.62
73407744	791	28.197	6.100	50.00	85,916.01
73609604	585	90.000	9.750	21.00	229,392.93
73610644	534	85.000	9.450	28.00	75,612.39
73500621	626	25.286	6.750	43.00	176,847.61
73507527	707	71.744	6.150	25.00	324,685.63
73980104	580	78.947	11.100	36.00	59,979.06
73787426	793	69.565	6.950	45.00	79,933.77
69518926	708	51.250	5.990	31.00	204,795.52
73788549	660	85.000	5.990	32.00	492,508.27
73788762	603	93.600	7.990	47.00	116,921.34
74313560	589	85.000	9.990	42.00	63,721.73
73789661	689	90.000	6.990	36.00	98,796.78
73794828	605	75.000	7.100	24.00	236,809.53
61932620	587	87.800	7.750	38.00	209,966.68
74097627	518	75.000	8.500	46.00	101,188.66
74342940	527	79.558	9.990	49.00	71,968.08
72860125	609	85.000	6.750	45.00	118,897.54
73094104	593	83.631	7.750	24.00	70,200.42
73063588	713	90.000	5.990	33.00	323,676.83
73223620	557	80.000	10.850	54.00	71,839.41
72901044	520	72.932	9.990	52.00	96,957.00
73230963	682	69.957	6.050	27.00	162,839.27
73234460	782	34.352	5.600	35.00	272,806.66
73247546	658	67.333	7.500	39.00	201,389.93
73248825	520	75.000	9.450	39.00	72,713.84
68220680	522	58.065	8.500	50.00	89,945.47
73702102	708	79.528	5.990	42.00	504,496.30
71096465	545	85.000	8.990	54.00	118,085.32
73123044	698	62.683	6.750	45.00	256,778.73
74344169	617	68.750	6.500	47.00	109,900.55
74382086	525	74.894	8.500	49.00	175,893.38
73526766	573	90.000	9.990	36.00	125,944.14
73532467	664	90.000	5.990	48.00	132,168.04
68771963	557	85.000	7.850	54.00	167,334.17
68787068	532	75.000	6.990	53.00	119,901.44
74866062	578	84.692	7.990	48.00	233,592.84
74869686	575	87.429	7.200	44.00	152,879.45
74423104	566	87.313	8.990	46.00	292,339.89
74872227	586	85.000	7.050	44.00	225,067.17
63885206	583	90.000	12.550	25.00	89,907.44

73534968	584	62.500	8.500	44.00	99,939.41
73536229	632	88.926	7.500	47.00	105,921.33
69196160	531	85.000	10.100	47.00	103,655.09
71776769	566	89.172	7.100	17.00	129,196.09
72880743	601	90.000	6.500	29.00	188,829.14
72882160	693	89.825	6.700	49.00	255,777.41
72886567	618	85.000	8.850	40.00	80,704.49
58569583	565	79.641	9.150	43.00	88,512.51
60790680	538	74.798	10.500	53.00	165,765.98
74206400	544	74.725	9.300	48.00	67,965.11
71776868	601	89.851	6.990	24.00	181,350.93
73284440	600	56.757	8.850	40.00	209,881.65
67602540	570	75.000	10.550	49.00	71,193.73
72948409	533	40.909	7.990	54.00	134,909.23
72998123	604	79.615	6.950	30.00	206,828.64
69455707	545	74.737	8.990	50.00	70,961.13
73288243	598	85.000	8.300	33.00	84,946.35
74461740	658	88.444	5.990	39.00	198,568.78
74461849	613	72.917	7.500	33.00	174,870.12
73292203	603	62.000	8.250	44.00	61,897.96
73294662	699	90.000	6.250	49.00	191,338.27
71871008	661	90.000	8.750	44.00	134,922.33
71891261	678	90.000	7.500	34.00	86,335.87
74207986	524	75.333	7.400	46.00	112,914.44
72961949	677	85.897	5.800	42.00	133,861.42
64010564	735	75.415	6.990	49.00	154,087.65
73045668	669	90.000	6.990	24.00	98,918.69
73328924	625	90.000	8.500	48.00	78,252.57
73330987	664	80.000	6.700	32.00	147,871.31
62252085	569	75.000	7.500	41.00	121,883.67
71891485	539	47.209	8.100	6.00	202,866.53
74464223	637	73.548	6.500	19.00	113,896.94
72627086	650	86.224	6.990	6.00	337,722.39
72631120	716	92.308	6.600	40.00	59,946.80
74938804	668	50.000	5.700	35.00	254,731.22
69794303	552	74.038	8.650	20.00	76,954.77
72096480	521	62.500	7.990	37.00	124,915.95
69039287	529	72.000	8.990	16.00	161,821.98
69822567	538	74.815	7.300	36.00	201,843.97
69834042	607	90.000	6.990	50.00	178,952.90
74942988	639	90.000	8.800	44.00	89,948.75
72632565	650	86.224	6.990	14.00	337,722.39
72634207	540	85.000	9.100	40.00	114,688.61
72641285	650	90.000	7.750	50.00	80,405.50
73741241	692	90.000	6.990	26.00	184,271.87
73745945	600	90.000	8.300	18.00	85,446.03
74012964	590	80.000	8.990	50.00	94,348.32
69853265	530	75.000	7.990	50.00	101,181.92
72727266	650	75.152	7.990	44.00	123,789.21
69864502	520	85.000	9.600	55.00	175,865.26
69873362	627	85.000	9.150	42.00	89,202.75
72235765	565	85.000	9.250	48.00	161,416.27
72338346	626	90.000	9.550	47.00	134,934.29
73656548	548	80.000	7.550	48.00	110,318.88
59771469	764	77.143	6.500	24.00	106,508.82
73662660	548	80.800	8.750	39.00	100,941.89
73664906	543	85.000	9.450	46.00	84,957.75
69969582	546	51.064	11.100	31.00	59,979.06
62325980	532	74.259	9.500	50.00	199,941.54
73025363	590	90.000	8.500	41.00	214,969.69
63824361	524	71.591	10.950	44.00	62,907.90
74500646	618	36.857	7.500	38.00	128,904.26
72732704	605	90.000	7.750	50.00	306,683.39
72372360	655	85.000	7.200	44.00	228,929.48
70135405	750	28.940	5.990	35.00	384,516.09
72534803	720	57.016	5.500	18.00	140,676.32
72739949	609	90.000	6.990	43.00	108,810.55
69260008	677	74.194	5.750	47.00	344,639.80
69573228	510	68.645	10.500	46.00	531,788.58
72741168	610	80.735	6.050	38.00	548,458.67

72749948	575	67.619	7.500	25.00	70,947.30
70828645	549	72.953	7.300	48.00	156,728.85
69433381	590	85.000	9.100	26.00	114,626.75
72455942	529	78.659	8.700	50.00	64,462.50
71111405	536	67.296	8.500	47.00	72,591.62
72140163	621	90.000	10.100	44.00	111,551.67
72471360	621	64.828	6.900	16.00	281,764.24
70180625	606	76.596	6.900	45.00	179,849.51
59907543	756	86.538	7.150	18.00	66,014.43
72476864	614	90.000	8.900	49.00	61,107.19
72000649	589	75.000	8.300	50.00	157,400.59
72133523	525	75.000	8.450	35.00	101,937.56
72214828	727	93.220	6.750	5.00	274,763.23
75158543	524	72.656	8.650	42.00	116,181.72
73566481	696	86.683	6.150	49.00	344,666.29
73572604	598	57.241	6.990	39.00	82,931.83
72856289	613	78.947	7.750	18.00	74,778.42
72858848	545	85.000	8.990	42.00	176,534.95
70086962	651	70.000	7.500	19.00	108,419.48
70206065	544	74.462	10.600	36.00	241,905.88
70255963	608	90.000	6.600	33.00	269,759.61
74580945	546	75.000	9.990	30.00	131,191.81
74584145	544	72.093	8.500	41.00	61,962.44
72236326	542	82.963	8.600	51.00	111,933.53
69751907	613	87.591	5.950	18.00	599,395.96
73256448	617	62.892	5.900	41.00	260,735.16
73262206	577	90.000	9.250	40.00	224,883.36
70852769	600	88.889	7.250	54.00	399,687.96
74584541	758	85.000	7.750	29.00	178,374.01
72252588	542	85.000	8.990	34.00	83,254.40
72253560	729	86.660	5.600	35.00	177,808.80
70408406	580	85.000	11.990	54.00	131,712.21
72253842	605	57.692	6.500	29.00	149,864.39
72266505	576	69.822	7.500	54.00	235,824.85
73348260	658	49.250	6.850	49.00	196,833.67
73350621	626	90.000	6.700	38.00	152,866.97
72489883	619	89.747	8.750	19.00	63,863.23
72525546	556	90.000	7.350	36.00	143,889.88
67417204	576	60.000	9.990	48.00	59,919.54
70968946	609	80.000	6.650	45.00	279,754.16
74586801	528	53.279	8.250	50.00	64,958.55
74587387	758	85.000	6.800	32.00	178,347.81
70495486	550	75.000	9.550	38.00	96,702.91
72604028	579	65.000	7.700	42.00	84,439.75
72638067	578	55.172	6.900	39.00	399,665.59
72640048	699	89.116	6.500	26.00	130,568.42
73345043	548	75.000	8.250	22.00	78,699.78
73347528	523	77.500	7.250	43.00	309,758.17
73348906	578	58.333	8.400	49.00	104,935.07
74635426	553	34.286	6.990	14.00	59,950.72
72810526	523	73.260	7.150	51.00	99,920.42
72640865	571	75.000	9.750	28.00	90,707.65
72560386	560	75.000	8.990	49.00	202,389.15
73350803	596	78.519	6.500	42.00	105,904.17
71434526	594	83.193	6.990	47.00	98,918.69
72447402	545	60.000	8.800	51.00	70,160.02
72452766	567	71.429	6.450	49.00	149,863.07
74637422	591	80.000	9.990	39.00	75,966.30
74637703	610	72.353	7.990	30.00	61,458.65
66493529	650	74.999	8.990	38.00	66,628.63
71882567	667	85.000	6.500	42.00	83,224.69
71882682	622	69.060	6.600	35.00	249,777.34
71887640	681	80.000	6.150	30.00	120,543.16
70624424	531	85.000	10.350	55.00	61,174.88
70630728	599	90.000	9.900	43.00	61,050.98
71888762	535	80.000	10.400	54.00	95,961.01
71891444	689	90.000	8.650	35.00	233,862.55
69953388	748	90.000	7.500	32.00	224,664.98
69454122	531	80.000	8.350	34.00	207,739.18
72812548	648	76.875	7.900	49.00	110,624.20

71670046	650	81.714	6.500	45.00	142,870.72
70137666	630	72.771	6.550	31.00	254,471.97
66713140	689	86.845	8.990	19.00	67,853.46
68270107	522	83.046	7.990	17.00	360,516.47
71426563	638	90.000	6.500	40.00	110,599.93
71824262	740	72.422	6.100	40.00	176,827.13
72036361	623	89.940	7.850	49.00	164,386.21
71718563	572	85.000	9.990	32.00	76,466.08
71651764	759	82.418	7.600	44.00	374,727.21
62082185	633	90.000	7.990	45.00	125,523.24
74725243	593	68.966	8.500	32.00	59,963.65
74943242	573	88.750	9.650	40.00	177,415.41
74945445	560	76.111	8.150	35.00	68,455.42
70149547	539	76.923	7.600	44.00	99,927.25
70321385	560	83.158	11.500	44.00	473,848.51
70434568	617	76.641	7.990	29.00	98,034.04
70674866	528	26.882	7.990	23.00	99,932.76
74780925	749	95.000	6.750	13.00	99,664.11
74948043	554	82.839	6.990	30.00	97,669.71
73572869	655	90.000	5.750	50.00	192,398.91
72935489	672	84.762	6.350	32.00	177,834.34
73126484	696	53.998	5.800	29.00	154,656.51
73153124	554	85.000	8.600	32.00	76,454.60
70695440	572	82.353	7.990	49.00	181,877.63
72001324	557	78.500	6.450	55.00	509,784.22
74781246	658	82.115	5.990	13.00	426,574.10
74859083	545	85.000	8.750	45.00	135,921.75
75002246	580	57.600	9.150	28.00	71,894.23
72026867	637	64.516	8.250	25.00	59,830.41
67098806	679	90.000	5.990	49.00	130,036.58
72033525	538	90.000	9.990	47.00	76,466.08
72036148	767	53.599	6.150	31.00	72,289.00
72037062	689	89.394	6.990	33.00	117,903.08
71367007	677	90.000	7.800	38.00	61,114.18
71368203	581	90.000	8.050	50.00	106,058.43
74860966	616	89.905	6.550	38.00	471,577.43
75006460	714	85.000	6.250	49.00	411,858.84
70746789	618	80.000	7.200	40.00	103,118.69
70233580	609	75.000	6.990	47.00	599,010.56
74936485	590	85.000	9.500	22.00	114,693.55
71066260	581	90.000	9.750	28.00	107,949.61
63496509	638	90.000	8.990	50.00	119,434.93
73160301	569	73.889	6.700	44.00	265,768.73
56278187	570	71.935	8.990	24.00	111,063.00
62145701	504	60.000	12.950	40.00	107,872.37
73072985	555	86.250	9.450	29.00	103,448.54
67194928	715	90.000	8.250	33.00	74,477.70
62364500	704	85.000	6.250	17.00	219,128.16
71273569	528	85.000	11.650	15.00	67,978.97
74937087	529	74.865	10.990	48.00	276,901.01
74938143	632	63.257	7.600	11.00	59,956.35
58017120	568	79.612	11.250	18.00	81,824.89
71280606	538	63.600	7.750	51.00	158,887.78
71285522	537	79.268	9.990	50.00	64,971.18
74990243	633	79.585	7.990	48.00	229,845.36
74996760	603	90.000	7.800	48.00	373,239.03
71849566	569	85.000	9.400	51.00	259,119.76
71858880	569	84.898	8.750	46.00	207,880.33
75067728	578	63.235	7.800	26.00	214,849.77
53205803	661	89.400	7.500	50.00	443,608.59
70480686	537	80.000	9.250	39.00	115,879.25
70777347	613	80.000	9.500	49.00	323,840.63
70791744	551	85.818	7.550	33.00	94,270.86
70828322	666	80.000	6.300	38.00	183,827.09
72705627	678	60.556	8.150	37.00	108,689.16
70833363	616	80.000	6.500	48.00	99,909.60
70517982	545	73.881	12.800	9.00	247,380.95
70866207	640	81.941	6.200	19.00	126,887.31
71077564	529	63.636	8.850	34.00	69,920.81
71097521	561	84.545	7.700	50.00	185,867.39

71121743	540	85.000	8.300	45.00	110,189.06
58891268	599	90.000	9.750	36.00	143,588.58
71343925	628	88.486	7.300	45.00	311,759.01
71488720	588	85.000	6.600	41.00	165,455.29
70947007	526	80.000	9.500	54.00	62,369.30
70948708	647	90.000	9.250	48.00	143,925.34
67973362	731	54.321	6.700	13.00	219,422.93
71303846	582	66.872	7.500	30.00	119,521.77
70984125	544	85.000	10.600	45.00	88,365.62
73500720	545	85.000	9.500	41.00	72,214.46
72134620	637	80.000	8.050	45.00	69,399.75
70989041	549	82.258	9.500	50.00	101,949.82
60413523	728	73.846	6.990	27.00	95,519.95
74765009	574	70.233	7.050	27.00	150,877.44
71026546	539	56.140	7.300	11.00	159,876.41
70943048	523	85.000	9.990	52.00	86,661.56
71028948	561	90.000	8.990	38.00	65,664.03
75210682	555	57.576	6.200	34.00	189,817.97
73451908	527	71.724	7.650	42.00	207,850.21
73371163	550	85.000	7.350	41.00	152,883.00
71033542	597	69.101	8.700	34.00	61,464.25
71073704	530	75.000	7.990	32.00	179,878.97
73799306	776	90.000	6.550	33.00	254,471.97
71224109	590	70.000	7.550	41.00	151,088.90
71122980	630	77.308	6.900	44.00	401,663.92
71132302	699	95.000	6.900	42.00	332,222.03
71149082	649	82.222	7.700	18.00	184,868.10
68705201	619	90.000	5.990	31.00	511,589.22
69631323	616	80.000	9.200	38.00	62,367.30
71185581	531	42.667	8.500	27.00	95,941.84
73878944	576	67.188	7.850	46.00	214,851.28
71211825	533	75.000	10.750	52.00	183,680.81
71650287	539	80.000	9.550	26.00	83,959.11
73270464	536	70.000	9.750	29.00	87,459.17
71230726	535	75.000	10.850	39.00	67,349.45
66471947	600	80.000	8.750	42.00	99,824.24
57339889	755	84.063	6.900	31.00	267,856.48
69998383	660	90.000	5.990	38.00	274,226.20
71250526	638	90.000	8.450	39.00	77,352.63
71256507	592	72.656	7.100	27.00	185,850.52
71269161	537	84.545	8.500	44.00	92,943.66
71226260	542	85.000	8.850	17.00	91,748.27
74017104	570	74.007	6.050	42.00	204,797.86
71241103	688	89.987	6.100	47.00	194,335.17
66835026	581	90.000	9.500	46.00	247,131.87
72257645	614	84.800	5.950	44.00	169,429.53
71571608	567	14.800	7.250	41.00	73,942.26
75007161	605	63.214	7.990	46.00	176,881.00
75080267	692	67.515	5.900	44.00	120,877.22
71296883	600	81.495	7.990	52.00	228,846.03
73352445	678	90.000	6.990	43.00	76,437.16
71733646	601	89.480	8.500	43.00	154,706.22
71927628	610	90.000	6.990	50.00	142,083.21
74047242	627	82.569	6.150	48.00	449,564.72
74360041	616	53.571	10.900	41.00	59,978.13
74843608	667	67.603	7.750	26.00	212,766.77
69135002	537	90.909	7.950	42.00	149,795.97
72758808	594	87.500	6.900	40.00	202,830.29
74191404	638	56.634	6.850	44.00	87,389.39
72409220	722	95.000	6.900	43.00	151,872.92
61485082	561	78.864	7.990	48.00	172,855.22
75012187	660	83.520	7.990	50.00	149,399.48
68470822	538	70.000	11.700	33.00	61,581.16
71271605	601	83.214	8.900	22.00	116,435.02
56360365	521	75.000	10.650	35.00	86,011.38
71954648	658	87.500	8.150	30.00	262,329.15
70037445	609	72.794	8.500	46.00	98,940.02
70791801	595	75.000	10.850	16.00	59,866.18
73499147	528	71.000	8.500	51.00	212,870.96
69680981	521	69.229	9.900	45.00	62,277.83

56841141	520	75.000	11.550	34.00	71,860.11
71853048	606	68.287	6.450	40.00	294,730.71
72042161	572	75.000	9.750	47.00	59,972.00
72472988	692	79.500	7.300	33.00	79,438.60
72620180	667	90.000	6.750	44.00	130,387.63
72637283	702	90.000	6.990	37.00	188,844.77
72654700	523	65.000	8.850	41.00	84,452.38
74589326	540	62.400	11.300	47.00	77,973.95
73907941	559	68.900	7.150	16.00	143,885.41
74216821	656	53.004	5.450	37.00	224,751.40
74239187	560	82.953	6.650	39.00	178,193.41
57685703	582	69.697	8.650	36.00	137,504.79
55846562	605	75.000	10.800	43.00	65,849.16
58578261	639	79.487	8.250	29.00	60,781.13
58695883	633	90.000	8.750	41.00	109,413.97
59084988	671	90.000	7.550	40.00	109,277.82
59286146	622	84.706	9.100	41.00	71,764.46
58514886	603	90.000	8.250	40.00	102,200.65
59490441	630	87.619	7.800	46.00	91,607.93
59674341	700	88.759	7.250	49.00	128,088.38
58900382	764	88.493	6.990	46.00	64,276.95
58918780	611	75.000	8.250	49.00	88,447.24
59002485	696	84.167	6.990	39.00	200,989.92
59028589	587	57.260	8.990	5.00	59,315.85
59076828	659	80.000	7.800	49.00	130,599.02
59126102	621	72.857	7.650	44.00	253,880.43
57335986	661	80.000	7.990	43.00	62,144.01
57797961	700	90.000	7.250	6.00	88,098.85
73754509	532	75.000	7.850	25.00	599,583.98
57629222	775	80.000	5.650	29.00	58,709.61
57961427	599	89.381	8.500	46.00	86,379.19
58612623	670	90.000	7.750	50.00	291,241.15
56725906	599	80.000	8.990	40.00	62,988.48
56753544	564	89.262	8.750	43.00	108,517.14
58735820	669	76.923	6.500	41.00	58,797.80
58497785	669	79.612	7.550	42.00	80,305.98
59222828	620	84.706	7.650	50.00	70,629.80
59297663	657	70.400	7.800	46.00	175,250.03
59940262	617	80.529	8.500	35.00	78,149.29
73297608	702	90.000	7.100	44.00	107,913.20
65663643	535	80.000	8.990	42.00	82,217.53
63456925	540	75.000	8.550	55.00	186,815.77
65874349	661	90.000	8.350	40.00	85,284.08
59639849	672	80.000	6.800	47.00	230,794.08
59742981	667	87.879	7.500	39.00	115,475.32
58858242	675	71.765	7.600	39.00	60,669.65
59911008	687	90.000	6.990	46.00	161,189.92
60055480	666	89.808	7.650	49.00	123,710.43
60620986	704	75.949	7.500	44.00	59,467.11
57252041	665	90.000	6.990	50.00	273,127.40
57511503	646	90.000	7.850	30.00	354,000.27
60877560	571	70.000	9.500	22.00	66,200.69
60917184	643	90.000	7.650	45.00	291,215.82
57270985	667	78.696	7.900	38.00	90,057.54
57956609	696	80.000	7.250	34.00	59,613.66
57254948	544	61.818	8.850	27.00	67,765.74
57380164	508	75.000	9.100	29.00	85,967.80
58773524	612	78.761	9.500	42.00	88,732.03
57390189	513	75.000	10.150	51.00	321,643.35
57415945	605	89.606	8.750	50.00	124,560.53
58366048	739	80.000	7.400	39.00	213,499.93
58753922	699	73.504	6.600	46.00	427,680.86
59092684	711	76.345	6.990	41.00	72,631.31
59147967	712	86.571	7.550	49.00	90,492.85
58910902	593	90.000	9.500	30.00	136,388.19
58973041	579	80.609	8.750	39.00	91,824.60
59287540	617	85.000	10.100	47.00	106,815.76
58064189	691	79.381	6.500	30.00	75,457.18
59152025	565	88.889	9.990	41.00	59,837.04
59157743	678	74.286	7.850	47.00	258,903.11

59808022	662	90.000	8.900	46.00	114,807.27
59885566	695	85.455	7.250	50.00	92,232.39
59868422	633	75.125	7.750	26.00	59,841.32
57531204	644	89.972	7.100	47.00	94,037.48
59970228	644	80.696	7.990	36.00	126,976.97
57558785	574	85.000	8.850	50.00	78,777.68
57576787	570	90.000	9.990	39.00	62,828.86
60640927	660	89.785	7.500	29.00	83,122.30
58784521	710	89.818	6.990	48.00	245,764.95
57654642	676	80.000	6.750	43.00	75,498.00
59099549	771	70.370	7.550	25.00	94,574.55
59688903	571	56.555	9.300	30.00	103,703.62
59810481	557	74.528	8.990	40.00	78,730.54
59989707	629	90.000	7.750	50.00	430,140.74
59670489	557	65.278	8.990	28.00	93,684.09
59698241	641	89.940	7.990	29.00	237,364.35
59272625	743	68.108	6.700	34.00	123,517.57
60295383	751	89.913	7.650	36.00	138,753.11
60099967	550	75.000	9.900	20.00	100,969.72
60104049	638	90.000	8.250	33.00	118,337.56
60112380	677	70.000	6.500	49.00	208,845.36
61099560	634	75.000	9.500	48.00	59,484.20
57814683	585	85.000	8.250	15.00	71,927.60
57849002	613	90.000	7.600	40.00	210,562.17
57856304	509	60.000	11.250	52.00	98,793.77
60464724	520	85.000	12.350	51.00	66,191.94
60869906	581	86.697	9.550	44.00	94,210.49
60850260	627	89.730	7.750	37.00	165,234.71
60996840	568	78.409	8.650	50.00	68,752.35
61029823	645	78.940	7.990	31.00	188,679.88
57969602	502	75.000	10.990	29.00	103,272.91
58007121	500	74.694	9.500	38.00	182,449.09
61300422	753	66.316	6.990	7.00	125,369.95
60114881	705	89.602	6.750	30.00	402,878.13
57996365	606	85.000	9.250	40.00	91,508.87
57996449	569	73.529	7.700	50.00	74,673.92
55703003	709	82.846	6.990	35.00	106,640.87
56479686	530	76.923	10.550	39.00	69,831.18
58097346	610	75.000	8.500	45.00	104,611.53
58138686	645	89.617	7.900	44.00	162,280.43
58238742	711	77.165	6.990	32.00	95,915.21
58468901	624	78.395	7.650	42.00	126,442.39
59010702	746	70.000	7.250	33.00	73,150.74
59072488	638	90.000	7.990	33.00	255,387.25
59552489	719	90.000	7.250	36.00	97,869.12
60227220	652	74.211	8.500	27.00	69,286.26
60405727	675	83.077	7.500	49.00	161,266.43
58150780	618	90.000	7.750	31.00	90,507.20
58165143	537	73.846	9.350	54.00	86,131.60
59053769	669	51.724	7.500	49.00	74,660.72
59185504	575	87.477	8.050	41.00	186,441.34
59207720	636	70.345	7.350	43.00	101,524.47
59219543	517	70.175	9.990	14.00	59,837.05
59228924	630	90.000	7.500	37.00	169,618.44
59267245	537	58.015	10.550	33.00	75,816.71
59271361	550	88.542	9.950	21.00	84,767.17
59291724	604	72.973	8.990	32.00	134,503.05
59295907	620	89.714	7.350	25.00	155,927.10
59312561	587	90.000	7.750	43.00	268,837.96
59381541	619	62.000	6.500	36.00	307,920.36
59396044	564	83.977	8.990	51.00	73,367.38
59774109	581	89.495	9.990	31.00	441,796.84
59968982	505	75.000	13.990	26.00	187,288.59
59974329	744	80.000	5.990	46.00	254,448.69
60003167	570	80.000	9.500	47.00	147,554.44
60003662	609	80.000	7.990	48.00	318,687.40
60074960	616	63.559	9.800	45.00	148,897.07
60147386	666	80.000	6.750	41.00	119,371.30
60151123	580	88.636	8.750	42.00	136,020.09
60195948	525	75.000	10.990	44.00	74,834.94

60221322	510	75.000	9.750	55.00	83,012.15
60225885	583	90.000	10.750	32.00	98,691.96
60228947	711	80.000	5.990	32.00	135,175.87
60241163	580	90.000	8.990	38.00	188,367.53
60263589	557	55.000	10.300	49.00	104,766.76
60310323	555	63.636	9.500	31.00	69,789.27
60318565	558	62.500	12.300	25.00	64,892.89
68994904	561	73.421	7.750	44.00	278,604.87
67385963	725	65.649	6.250	19.00	241,260.57
69121283	567	60.606	8.350	36.00	199,749.23
60351665	598	90.000	8.990	6.00	71,759.01
60354222	662	75.524	6.990	42.00	214,844.28
60358546	552	73.800	9.200	54.00	183,908.81
68681725	690	61.250	6.500	47.00	195,644.66
60388600	566	88.732	9.500	33.00	62,789.25
60399540	517	74.737	9.800	40.00	70,798.87
60409323	526	84.000	10.250	39.00	125,676.11
60420684	511	73.353	10.900	46.00	122,225.99
60476884	555	78.462	7.500	41.00	253,846.62
60483906	569	78.932	7.990	50.00	80,966.48
60502465	518	59.400	9.900	47.00	118,471.15
60515723	647	90.000	8.750	45.00	60,087.95
60517406	562	90.000	9.990	44.00	123,862.66
60542164	590	84.706	7.990	41.00	71,704.66
60596368	612	88.438	7.550	32.00	281,732.22
60596863	529	85.000	9.900	50.00	105,955.89
60635380	500	75.000	10.050	32.00	133,703.83
60672003	530	64.172	9.900	46.00	100,471.11
60717725	535	60.000	9.990	28.00	59,837.05
60745700	564	82.143	7.900	19.00	229,039.36
60808847	580	74.089	10.750	14.00	91,288.60
60810223	668	82.090	6.990	43.00	164,106.24
60832003	559	90.000	8.500	22.00	60,076.87
60833969	546	85.000	9.250	43.00	165,224.36
60848488	579	90.000	8.500	48.00	98,551.63
60906724	582	75.000	9.650	55.00	94,972.11
60913423	596	90.000	7.600	48.00	235,650.42
69168300	673	77.913	5.990	8.00	178,841.62
69946341	568	78.667	7.500	22.00	176,736.46
68056589	606	84.974	6.700	49.00	165,407.81
60931862	539	73.404	9.990	45.00	206,345.49
68657642	591	90.000	6.750	31.00	161,579.20
60984580	567	82.683	9.990	37.00	169,039.59
61024303	525	75.000	9.990	41.00	76,292.22
61066205	577	84.083	8.500	39.00	232,885.15
61070207	658	84.694	7.500	38.00	165,249.16
61089348	557	79.231	9.990	43.00	101,781.62
61148524	654	78.857	6.500	32.00	137,234.01
61353447	615	90.000	7.350	52.00	367,280.76
71472203	585	90.000	7.990	45.00	503,661.13
72907629	563	66.964	9.100	33.00	74,959.87
70278601	530	82.353	8.750	34.00	111,935.56
71818009	579	69.811	7.050	35.00	184,849.85
70546627	561	68.421	8.300	44.00	64,958.97
61557161	536	72.289	9.500	53.00	59,850.04
71498588	637	85.217	6.400	48.00	195,819.33
71903561	599	81.081	7.900	46.00	149,897.29
71909287	648	87.500	8.500	31.00	74,329.94
71509582	544	75.000	7.600	44.00	142,396.34
73450249	534	75.000	8.900	55.00	307,328.50
71510747	562	65.000	9.800	25.00	70,752.32
69327708	572	75.000	9.300	47.00	157,337.77
72465024	528	79.545	7.990	52.00	87,441.16
73001000	530	80.952	10.500	47.00	84,966.22
73001968	666	94.545	8.990	10.00	103,724.91
73002248	648	64.815	8.500	54.00	69,957.59
74822503	646	19.740	7.600	22.00	86,345.69
71519128	520	60.132	8.250	42.00	136,412.96
71531503	600	85.000	6.900	49.00	78,134.62
73020109	515	74.063	7.990	21.00	118,420.32

70540661	570	74.424	8.250	43.00	161,293.31
69278240	535	53.818	9.650	48.00	147,857.39
71064349	671	76.590	6.500	49.00	132,259.77
70882246	745	71.429	5.500	22.00	124,725.73
67562405	607	75.000	9.250	39.00	107,138.37
67582007	512	72.973	7.500	46.00	269,395.10
67632182	597	79.375	8.990	41.00	76,036.22
68043983	596	63.788	8.500	45.00	104,666.10
67811729	645	80.000	6.300	45.00	155,557.89
68598283	575	87.442	6.600	39.00	187,665.72
68563824	650	84.560	9.200	32.00	73,773.17
70450325	659	53.725	7.800	13.00	68,260.79
68775089	612	77.791	7.750	32.00	66,757.43
68868223	579	80.000	8.400	16.00	131,836.17
68956283	526	83.459	7.850	46.00	110,845.93
68971225	647	71.386	7.500	26.00	66,595.30
69024701	570	90.000	7.550	34.00	103,347.42
69177525	594	81.667	9.250	22.00	61,186.25
69240380	662	90.000	5.500	37.00	197,565.55
69240687	613	89.623	6.250	50.00	189,638.48
69242261	612	71.040	8.100	43.00	88,682.83
69297380	589	86.066	6.990	40.00	104,827.01
69392587	532	48.814	7.500	28.00	194,965.27
69405108	588	74.902	6.150	46.00	381,259.09
59412486	677	90.000	6.650	31.00	202,904.51
69590081	567	64.865	8.500	28.00	59,927.04
69824084	646	80.000	5.750	37.00	91,807.42
69914406	515	72.500	7.850	48.00	101,359.12
73021487	601	80.952	8.350	39.00	67,957.52
62993787	631	82.692	7.990	49.00	84,778.94
73084949	680	80.000	5.350	49.00	383,567.69
73098444	741	50.455	5.650	42.00	276,705.26
73144644	520	66.667	9.600	42.00	83,959.54
74843806	589	69.524	9.500	32.00	72,964.09
69947000	576	75.000	8.950	34.00	59,932.12
69967503	621	82.192	6.750	39.00	299,481.95
74400342	667	42.013	6.550	18.00	66,603.23
73320749	549	80.000	7.650	34.00	103,925.10
73338261	518	50.420	9.750	24.00	59,972.00
72718463	578	69.286	7.100	50.00	193,844.08
73901688	562	69.767	9.500	54.00	179,911.46
73176844	690	57.589	9.050	41.00	64,442.94
70135249	554	75.000	7.650	50.00	179,739.91
70142146	598	77.857	7.200	50.00	108,827.72
70217344	595	66.667	7.950	47.00	199,727.96
70445069	555	84.167	7.500	44.00	100,849.61
70503883	664	90.000	6.100	49.00	143,718.01
73201840	594	61.500	8.250	30.00	122,921.57
73240400	611	90.000	8.990	36.00	251,862.06
73260622	662	69.667	6.990	39.00	125,297.01
70718622	569	55.994	6.500	40.00	177,178.19
71562763	514	75.000	9.990	55.00	158,929.51
57395162	662	80.000	6.950	43.00	249,222.23
73262982	589	80.000	8.550	39.00	103,937.64
70730106	552	85.000	9.350	55.00	89,159.02
70846688	584	90.000	7.150	25.00	125,798.86
70870043	584	85.000	6.600	46.00	254,546.60
70953609	591	90.000	7.850	49.00	157,281.39
71001846	613	84.706	7.800	27.00	71,899.05
71097182	501	71.429	8.050	45.00	74,900.04
71130041	569	75.000	8.650	46.00	134,840.83
71167449	585	85.000	7.250	37.00	148,517.21
71350169	585	73.518	8.500	36.00	185,773.84
71554448	629	85.000	8.150	50.00	169,777.95
73263162	506	71.429	7.200	48.00	254,799.09
72465289	596	80.000	9.550	25.00	107,947.43
71689947	537	75.410	10.550	49.00	459,819.16
72794928	517	60.870	7.750	34.00	69,950.59
73470403	514	75.000	7.400	34.00	147,638.13
73863920	664	66.144	6.500	29.00	138,874.34

74191586	531	75.000	7.600	51.00	224,836.33
74516006	557	90.000	10.700	38.00	63,875.68
73566606	671	80.000	6.500	30.00	147,698.22
71735864	534	80.000	9.200	54.00	99,947.61
74698820	582	68.085	6.900	31.00	159,866.23
73296642	608	62.500	10.300	52.00	59,975.10
73317182	669	90.000	7.500	47.00	106,121.18
75089946	638	69.284	6.200	37.00	89,913.77
73335440	591	78.274	7.100	28.00	131,394.31
73350209	659	73.016	6.550	39.00	183,835.26
64396500	605	71.327	9.800	35.00	96,156.55
73471740	519	51.333	8.990	21.00	76,957.85
73480204	583	62.273	8.250	39.00	102,684.48
73496820	622	68.440	8.450	48.00	61,262.47
73503187	507	75.000	10.250	43.00	269,886.77
72556889	680	91.037	6.700	23.00	129,159.60
70400288	571	90.000	9.250	18.00	106,144.94
73532020	524	70.164	8.450	52.00	213,869.02
73607749	622	87.778	8.500	40.00	157,904.28
73625667	654	75.000	7.450	12.00	127,404.42
73669806	556	90.000	7.500	48.00	112,416.51
66281080	645	90.000	9.400	36.00	62,968.35
73670242	528	82.263	7.750	29.00	268,810.14
69593044	691	93.458	6.750	13.00	99,913.90
73695488	639	88.571	5.990	33.00	278,721.72
70566906	521	80.000	12.700	36.00	77,581.01
70636527	608	75.000	8.800	42.00	67,461.56
70230289	500	57.367	10.250	49.00	65,772.40
70595541	570	90.000	6.990	50.00	328,230.19
71230163	543	78.723	7.500	38.00	184,862.70
73758146	769	84.933	6.990	29.00	63,647.68
73776106	597	82.000	6.300	49.00	245,768.82
71867121	610	78.351	8.500	50.00	75,953.95
71708267	530	74.167	8.600	50.00	133,420.77
72020308	582	82.486	7.150	50.00	288,470.27
72021124	641	80.000	10.150	28.00	98,357.84
71438485	624	80.000	8.550	49.00	69,408.47
63630388	752	90.000	7.990	28.00	130,145.49
63265920	674	88.470	7.700	38.00	251,414.00
73776627	619	87.179	7.500	41.00	169,873.83
73802761	555	84.925	7.500	40.00	284,288.86
72142128	655	80.000	7.100	49.00	75,938.92
72145824	629	90.000	7.990	33.00	121,418.31
70284864	650	60.884	6.550	34.00	112,898.83
73925505	599	80.000	6.700	27.00	87,923.48
73926446	541	84.906	10.500	25.00	89,964.23
73392888	563	74.468	8.700	25.00	104,938.96
73411845	584	72.692	7.500	50.00	112,589.38
70299706	748	85.938	6.750	49.00	549,526.46
71615926	612	89.521	6.700	47.00	338,095.78
72230527	602	38.710	9.650	29.00	59,971.40
74049925	634	89.453	6.990	30.00	228,811.92
70747886	522	84.351	8.300	55.00	110,430.25
73978041	531	73.967	8.550	55.00	178,892.67
71627061	638	90.000	6.750	44.00	80,497.41
71523740	536	58.036	8.600	29.00	64,961.42
70978408	539	65.085	7.750	51.00	191,864.48
72232606	588	89.726	7.400	46.00	327,252.03
74025461	698	92.373	6.400	27.00	272,248.82
74051145	646	90.000	7.250	38.00	94,426.28
71294169	534	80.460	8.990	35.00	69,961.68
72235484	614	59.924	6.500	49.00	110,759.77
62888847	665	90.000	6.990	48.00	105,848.05
74052549	538	85.000	10.990	41.00	101,963.55
72396500	549	73.649	8.990	26.00	108,940.33
71456362	509	62.593	8.990	42.00	168,907.49
71470884	608	70.000	7.500	49.00	62,953.24
71786149	515	75.000	10.650	55.00	108,708.16
71471684	550	79.545	6.990	26.00	174,856.27
71113963	553	73.171	9.950	46.00	59,973.17

72623929	707	92.843	6.500	43.00	143,776.90
74079724	586	90.000	7.400	50.00	170,870.53
73413742	647	44.831	7.300	31.00	133,896.50
71477285	561	75.641	7.150	47.00	294,765.26
72661424	637	90.000	7.990	15.00	62,058.24
72683089	516	54.627	7.500	50.00	182,864.18
72030828	625	90.000	8.990	28.00	89,950.73
72170749	626	50.824	7.500	34.00	215,839.69
72178627	518	69.118	8.750	41.00	93,945.92
72694581	607	69.167	6.300	31.00	82,922.00
72733066	693	79.744	7.990	39.00	65,346.03
74206145	572	79.231	8.250	30.00	205,868.64
74210527	544	59.542	8.800	15.00	169,003.71
72147085	554	90.000	8.990	18.00	260,857.14
72149685	634	30.924	6.850	44.00	63,446.39
74240847	669	80.000	6.700	43.00	107,906.09
74241266	535	72.941	7.990	42.00	185,874.94
73437626	614	90.000	9.650	50.00	338,238.74
73456246	589	88.583	6.990	49.00	224,815.21
71801724	567	77.273	7.350	48.00	84,935.00
72179468	533	80.000	7.850	42.00	239,833.99
74262080	640	74.400	5.990	49.00	185,359.88
72889686	601	90.000	8.990	43.00	134,926.11
67039560	635	84.682	8.990	49.00	112,988.11
74293184	550	75.000	7.450	52.00	363,477.32
71838866	545	75.000	11.500	12.00	80,974.11
71850846	546	42.834	7.990	29.00	67,204.78
62497367	580	43.558	8.350	48.00	70,533.57
72395346	594	67.124	6.500	40.00	243,774.42
72948185	544	65.000	9.200	48.00	87,704.02
72975121	599	63.889	6.850	21.00	229,805.82
74296666	677	62.412	6.400	47.00	119,337.90
73005209	663	54.819	6.550	18.00	454,592.65
72467988	541	85.000	12.400	46.00	96,874.64
74381245	554	90.000	9.990	45.00	76,466.08
74381567	553	79.130	6.990	29.00	181,850.52
74429549	628	89.489	7.850	41.00	314,782.12
74430844	561	90.000	7.800	48.00	85,440.26
74460486	538	82.353	8.500	44.00	139,915.19
74107269	605	67.500	7.990	49.00	67,454.61
58240847	545	80.000	8.500	44.00	101,101.03
65673907	590	68.306	9.250	28.00	124,737.21
74499062	536	85.000	8.500	42.00	84,948.50
74500125	574	90.000	7.990	38.00	139,406.21
74537804	532	56.075	10.150	47.00	59,974.29
72518129	535	75.000	7.300	40.00	179,860.97
74112046	526	85.000	9.990	55.00	72,217.96
73496986	639	68.673	6.350	28.00	77,527.77
73497364	639	78.846	5.950	37.00	245,752.75
71974182	547	85.000	8.050	55.00	116,372.65
72555907	538	75.000	11.250	55.00	80,222.90
72627706	544	74.000	8.350	14.00	81,349.14
73497380	633	52.098	7.250	15.00	74,361.26
61738845	703	90.000	6.990	17.00	74,389.64
74654849	558	75.000	7.750	53.00	92,184.88
74655887	655	83.601	5.600	40.00	129,860.36
72404247	592	85.000	7.950	44.00	399,229.21
72416365	710	89.313	6.500	34.00	116,614.55
74656505	537	65.000	9.250	18.00	61,717.98
74657545	605	83.077	7.950	38.00	107,926.79
71957666	567	74.621	9.250	25.00	108,143.90
71981542	549	35.000	7.850	45.00	97,932.21
73043663	557	90.000	10.750	29.00	125,952.56
72023187	604	90.000	7.400	50.00	128,602.55
74659608	658	58.824	6.500	34.00	131,529.98
74659806	622	90.000	6.250	44.00	187,921.52
74660721	720	69.384	5.990	29.00	159,840.41
70605266	580	63.014	6.600	24.00	229,796.08
70606348	596	73.944	8.500	35.00	104,936.39
74661141	565	76.364	6.700	30.00	251,780.89

74731480	555	84.964	6.400	47.00	237,680.72
74731589	515	48.485	9.750	54.00	79,962.67
64114044	679	89.627	7.100	44.00	143,831.97
72566508	555	90.000	8.250	48.00	168,192.67
72638109	624	37.193	5.900	50.00	183,213.90
74793720	514	74.380	8.500	40.00	179,890.95
74800541	623	63.951	7.500	30.00	71,946.56
74848326	603	48.769	5.950	47.00	157,952.66
72869688	615	79.808	7.990	47.00	62,208.14
74850629	680	89.145	5.750	25.00	270,717.05
74852062	531	60.000	10.650	42.00	59,976.91
74856063	659	62.688	5.800	41.00	153,890.68
73085961	573	87.500	7.250	50.00	150,382.59
73114001	638	85.000	6.800	31.00	84,927.53
70607981	619	65.472	6.300	26.00	117,739.25
74925868	582	80.000	8.800	44.00	59,965.83
74971060	639	63.953	6.990	37.00	164,864.48
72360381	547	73.816	8.150	37.00	140,158.72
72663123	550	74.830	11.200	31.00	93,506.07
72663289	640	28.000	7.750	47.00	69,950.59
72735525	612	85.000	8.300	22.00	112,384.01
72782501	619	70.000	7.700	49.00	69,950.09
58297102	511	63.889	9.500	53.00	68,792.29
75035766	558	80.000	6.650	46.00	179,841.96
75092627	637	59.042	7.300	15.00	141,590.55
72374366	550	61.475	6.990	39.00	224,815.21
72403462	524	85.000	7.990	53.00	182,627.12
72490584	530	85.000	11.050	52.00	61,066.02
73266207	533	58.140	7.550	28.00	249,816.31
73293367	592	66.667	6.500	50.00	359,674.55
72784804	616	72.821	8.990	55.00	141,922.27
57592404	710	68.966	6.990	32.00	397,999.90
66688722	610	80.000	8.800	32.00	119,791.81
59190249	758	70.588	7.500	37.00	58,131.43
57002966	586	90.000	8.250	53.00	155,986.79
59632885	669	89.543	6.990	46.00	195,119.40
57116121	549	68.250	9.450	54.00	272,169.58
64304181	709	46.512	7.350	37.00	59,258.79
60966447	670	90.000	6.500	48.00	358,020.66
72504541	532	73.228	7.990	53.00	92,731.01
72552748	691	86.765	7.990	44.00	176,881.00
72554843	602	88.477	6.700	43.00	214,303.81
72621121	581	81.996	9.250	34.00	227,831.82
73295149	591	84.615	6.750	34.00	329,715.87
59404384	725	65.682	7.900	48.00	70,965.09
72642507	759	95.000	8.700	41.00	123,428.21
57184764	646	90.000	7.250	49.00	138,837.09
60127826	641	71.667	7.000	44.00	213,722.30
72749260	592	69.167	7.750	23.00	82,941.41
73439580	572	65.789	7.250	45.00	124,902.48
73532061	562	84.889	6.750	23.00	190,835.55
73533143	521	70.952	7.750	25.00	74,447.42
60176146	610	54.286	7.990	12.00	94,610.30
60188802	701	80.000	7.250	28.00	167,201.66
58493727	712	82.500	7.600	27.00	143,734.79
72916786	610	89.912	9.850	49.00	204,906.36
58612466	549	76.889	10.250	54.00	172,555.28
60614781	643	87.293	7.650	54.00	314,450.60
73592826	688	90.000	6.900	40.00	359,699.03
72919509	570	85.000	7.750	34.00	216,596.02
72962764	550	48.000	8.990	33.00	59,967.15
71409908	532	65.217	8.750	22.00	74,884.09
71432900	673	64.889	6.500	39.00	74,752.91
61031720	612	80.000	9.750	39.00	59,828.54
57413080	574	84.167	8.350	37.00	301,844.23
71794648	706	82.748	5.800	34.00	217,275.06
59380642	613	72.208	8.300	36.00	276,928.77
72968563	534	25.769	8.250	55.00	66,957.28
73017360	551	87.333	8.950	39.00	65,463.84
72807407	566	79.724	6.400	48.00	115,493.44

66153461	581	80.000	10.500	46.00	115,191.15
59752287	624	90.000	8.950	47.00	121,945.96
73049462	604	90.000	7.600	49.00	233,829.78
72799703	636	90.000	6.650	48.00	157,361.71
71843569	535	75.000	7.900	35.00	89,938.37
72006489	570	77.341	8.200	46.00	255,835.07
60115102	603	80.000	9.100	11.00	59,803.71
56646169	764	63.182	6.650	18.00	69,128.76
73081564	612	87.097	7.100	23.00	134,891.50
73186389	651	90.000	7.150	47.00	142,086.85
57691586	615	85.000	9.600	50.00	84,749.39
58500604	624	79.429	6.750	39.00	166,125.07
58501362	568	90.000	10.990	22.00	82,618.35
58382086	594	80.000	7.990	9.00	234,752.90
72345762	619	80.000	7.550	50.00	87,935.34
58886243	718	75.000	7.990	33.00	206,946.98
57836181	619	84.906	7.350	43.00	223,951.67
73034365	757	82.470	5.700	14.00	144,681.07
73073223	556	85.714	11.700	25.00	59,981.65
73220147	597	89.997	6.750	25.00	242,782.78
57922742	636	85.000	7.750	45.00	152,341.48
73126666	720	86.131	6.990	35.00	235,806.17
58581109	682	88.276	6.250	35.00	127,261.73
72763204	530	82.558	10.400	40.00	70,971.16
58353483	597	89.011	8.990	37.00	80,728.90
58648163	666	86.232	7.000	46.00	296,015.31
58021163	605	63.793	7.990	50.00	92,120.57
72840424	575	75.000	9.450	36.00	164,917.98
72930407	539	79.946	8.500	39.00	294,821.28
59213645	568	69.767	9.550	47.00	59,821.22
72905128	561	90.000	7.750	47.00	180,772.32
58129305	512	64.706	9.990	36.00	109,701.22
72990948	530	85.000	8.900	51.00	124,030.78
73288623	515	74.000	7.450	47.00	221,833.58
73375149	614	68.400	7.800	27.00	85,440.26
62205760	728	78.972	5.990	29.00	83,706.55
60624467	653	81.383	7.800	49.00	76,173.98
73301145	609	83.030	6.500	36.00	136,876.14
60881406	623	41.111	7.750	47.00	109,811.99
60984325	567	75.610	10.600	25.00	61,852.08
73044166	611	86.794	8.990	49.00	121,189.59
56739568	551	79.551	10.990	44.00	155,577.92
56840887	641	88.083	7.600	49.00	118,472.33
73349888	550	90.000	7.200	50.00	353,421.32
58633389	599	90.000	8.990	42.00	69,962.38
73148926	616	86.786	8.650	38.00	121,428.63
73352288	628	90.000	6.500	45.00	211,308.80
58213968	607	76.769	7.000	23.00	496,509.77
73352460	521	75.000	8.700	35.00	104,938.96
58566100	551	70.000	13.050	39.00	171,260.91
73248288	623	78.364	8.500	39.00	85,961.73
73280760	528	82.854	7.950	34.00	163,938.80
73282162	626	89.130	7.200	40.00	184,354.63
58631342	520	75.000	10.800	53.00	97,277.11
73486904	620	88.767	8.600	24.00	64,761.54
73487548	611	64.839	9.250	44.00	60,268.73
58672403	509	70.000	12.350	45.00	127,192.40
58674680	715	80.000	6.500	46.00	69,526.91
58675984	678	90.000	6.800	47.00	259,645.77
58683202	650	80.000	9.450	48.00	279,148.24
58683541	544	70.000	8.990	42.00	174,412.70
58687823	580	59.259	8.990	38.00	79,732.24
58705583	505	75.000	9.100	46.00	254,165.80
58720046	528	78.824	8.750	45.00	200,293.36
61526109	644	80.000	9.150	35.00	83,820.07
73397663	532	75.000	8.500	51.00	78,702.29
58847807	525	70.000	12.990	45.00	241,158.77
59485821	555	89.944	8.200	47.00	159,470.47
59490862	625	75.000	9.750	42.00	317,839.38
59902569	614	72.222	8.050	26.00	129,473.14

59670588	544	82.609	11.600	25.00	94,817.40
73475287	708	85.000	5.950	32.00	275,972.35
59719120	596	90.000	7.750	22.00	215,070.35
58718883	528	80.952	10.500	54.00	84,792.84
59760827	501	75.000	11.990	18.00	59,893.83
73511263	542	37.267	8.990	28.00	59,967.15
59819540	726	80.000	6.250	35.00	103,061.84
59839027	574	69.730	7.990	46.00	128,470.85
73519902	575	71.852	7.500	38.00	96,928.01
73520421	678	64.667	6.050	34.00	193,335.75
73691248	564	87.931	9.250	23.00	76,460.34
73747040	701	87.282	6.990	38.00	69,942.50
73751265	701	80.645	6.990	41.00	59,950.72
59850685	638	85.886	7.250	43.00	156,250.18
59909887	626	80.000	7.250	50.00	158,086.94
73913469	619	62.481	7.550	44.00	166,077.88
59923144	571	85.088	8.750	34.00	241,647.46
60017266	640	86.250	7.750	27.00	103,054.55
58795444	570	68.276	8.500	46.00	97,198.64
58813148	565	82.000	8.550	45.00	285,948.92
60112208	577	80.000	8.650	40.00	187,325.41
58887100	653	89.641	7.100	46.00	223,898.84
60197563	602	55.556	7.500	37.00	174,208.44
60291820	644	81.000	7.400	5.00	80,626.30
60310844	540	75.000	9.500	51.00	138,107.17
74242223	536	67.566	7.550	47.00	256,561.35
74279563	617	29.696	8.600	47.00	107,436.20
73063869	562	75.000	6.990	47.00	89,926.08
73096042	645	90.000	6.850	49.00	319,230.25
60397049	635	71.182	8.650	18.00	78,018.99
72863509	726	70.803	6.650	47.00	84,853.16
72941842	619	84.857	8.800	30.00	148,415.44
60441581	643	89.999	11.200	42.00	139,206.53
58860107	671	78.261	7.250	29.00	89,572.33
72169188	661	84.800	6.990	6.00	105,912.94
60566866	567	80.000	9.500	12.00	74,176.01
60589041	574	90.000	9.900	43.00	157,064.00
60590700	515	75.000	9.250	55.00	71,024.04
60598489	641	85.000	7.900	47.00	84,644.96
60655321	522	75.000	10.990	44.00	231,989.91
67190447	682	75.000	5.750	36.00	119,622.33
60781804	508	60.000	9.500	38.00	152,539.40
60786126	539	85.000	8.990	54.00	268,548.31
58914789	571	90.000	8.500	47.00	264,517.68
58920489	568	70.909	7.600	46.00	194,135.31
60817640	630	75.000	9.850	29.00	87,480.84
60831161	575	45.033	7.800	36.00	67,710.21
60832326	613	76.923	7.350	28.00	159,254.51
61289021	552	84.000	9.250	44.00	62,834.13
57663122	617	75.000	10.500	52.00	154,933.43
60868825	701	75.000	9.250	18.00	74,762.15
74826728	554	73.714	7.500	37.00	128,904.26
60880408	664	90.000	6.750	50.00	349,161.10
73864480	529	65.000	9.700	27.00	97,454.03
60932001	596	88.559	7.650	47.00	97,827.33
60944006	580	85.000	9.450	55.00	262,698.43
58937640	524	85.000	8.990	43.00	111,824.53
60958709	646	61.590	9.350	41.00	109,658.18
72849466	521	85.000	8.500	43.00	140,165.03
60959665	641	90.000	7.300	34.00	187,931.52
73471229	512	72.500	7.500	22.00	86,935.43
58945288	562	90.000	8.990	34.00	94,137.02
60976941	528	70.000	7.990	52.00	174,282.17
60980687	552	57.990	7.500	37.00	111,991.14
71703722	574	90.000	9.750	31.00	93,556.33
61039004	550	80.000	7.500	39.00	147,330.57
73226649	603	90.000	6.990	28.00	94,422.38
61113841	636	80.000	7.250	38.00	194,389.85
61115986	556	90.000	9.500	49.00	116,627.00
73498263	610	84.103	7.990	44.00	163,889.73

58996422	648	84.706	7.500	24.00	143,348.67
59000141	578	80.000	9.350	37.00	239,246.09
61318903	640	89.912	7.400	33.00	408,108.49
74914706	507	57.607	7.500	47.00	212,986.81
59028506	592	90.000	9.850	44.00	76,278.58
72494842	678	95.000	7.700	43.00	238,279.99
74408667	614	85.000	6.400	37.00	118,890.31
73958423	549	74.890	8.600	51.00	169,899.11
73596561	539	85.000	10.300	40.00	92,611.56
73382269	518	75.000	9.700	54.00	74,814.00
71838247	577	90.000	7.250	50.00	84,534.00
59052001	679	90.000	6.800	50.00	470,048.40
73496564	654	90.000	9.600	44.00	67,162.86
73496903	691	88.889	6.400	39.00	159,852.52
73057986	565	83.939	8.900	29.00	276,845.51
74142183	525	85.000	9.990	43.00	112,150.26
73517625	675	90.000	6.990	50.00	131,292.08
72070386	629	80.000	7.750	46.00	71,149.74
71383244	579	89.744	8.050	47.00	104,930.26
72071707	514	40.461	7.800	25.00	121,297.18
71907729	591	85.000	6.990	47.00	110,409.24
60476108	640	78.532	7.750	25.00	180,202.46
72743545	621	89.706	7.550	25.00	91,432.77
71903546	537	85.000	8.300	28.00	271,828.31
73981128	738	85.000	6.400	46.00	399,131.77
74411588	535	76.503	6.750	20.00	139,879.46
71594709	602	80.000	6.450	34.00	99,908.71
71931448	545	80.000	9.400	23.00	91,765.52
73489528	585	84.685	8.500	43.00	93,943.05
73866964	531	42.000	8.990	14.00	125,931.03
74558545	550	85.000	6.500	21.00	154,560.15
72560329	551	74.365	9.900	31.00	71,216.17
73674301	594	80.000	8.250	26.00	163,895.42
68698588	576	80.000	8.500	50.00	182,289.50
71596100	501	67.982	9.850	55.00	74,066.15
74623869	613	80.000	7.800	35.00	87,938.51
75173823	557	80.455	6.850	49.00	176,850.57
71611560	544	79.200	8.550	39.00	98,940.64
71617401	638	73.200	9.990	49.00	365,837.74
71483069	529	82.500	7.900	36.00	170,658.06
70611983	631	80.000	8.450	23.00	63,921.38
71646202	544	73.810	7.750	39.00	154,890.60
71665368	557	80.000	8.500	39.00	91,944.26
71486468	715	65.000	6.500	47.00	77,929.48
57500068	535	80.000	12.850	55.00	85,475.17
74626508	681	89.344	6.500	26.00	142,820.76
75179341	600	78.049	5.850	45.00	191,803.31
73596124	543	84.762	8.500	50.00	177,892.16
71391643	643	73.363	6.350	35.00	89,832.02
74292608	585	87.931	6.850	46.00	254,784.71
71715908	598	90.000	8.350	46.00	174,490.92
74280504	550	75.102	7.990	41.00	183,876.28
71739221	555	75.000	8.500	38.00	134,918.21
73594541	649	84.451	8.250	50.00	354,468.82
58147109	673	80.000	7.350	30.00	65,692.45
74923681	607	67.200	7.990	52.00	167,887.04
74560566	758	85.000	7.750	45.00	178,374.01
74230566	725	83.333	6.500	40.00	149,864.39
74230921	601	86.538	6.990	46.00	224,815.21
72895261	510	65.000	8.250	37.00	207,867.36
72940042	622	80.000	7.800	31.00	64,754.72
71778948	653	74.359	7.200	24.00	144,885.75
71786404	550	73.684	7.200	29.00	279,779.39
71450688	600	89.522	9.500	50.00	87,956.71
71794143	528	85.000	8.500	53.00	145,261.94
71814768	580	75.000	11.400	37.00	67,426.05
72445307	612	75.000	7.600	38.00	130,857.07
68017540	623	80.000	8.150	40.00	75,151.05
71824304	580	90.000	8.100	42.00	283,313.61
72985849	532	85.000	8.750	34.00	123,179.09

74484924	556	80.000	11.500	44.00	164,747.32
73026502	604	90.000	6.450	20.00	224,794.61
73032302	619	72.034	7.100	34.00	84,931.69
71847107	526	80.000	8.800	22.00	79,954.45
71851141	618	75.376	7.400	48.00	140,093.85
71853287	659	90.000	7.850	50.00	85,440.85
68426980	522	80.000	8.850	53.00	137,522.45
73984502	572	75.207	8.950	46.00	183,403.71
73384943	532	64.516	7.500	53.00	119,910.94
71992945	540	75.000	8.300	55.00	123,671.89
73177206	650	83.777	7.100	37.00	232,712.82
73294449	591	89.787	8.350	40.00	210,868.17
73418428	620	87.671	5.990	34.00	319,680.82
71875223	542	85.000	8.750	53.00	101,941.31
71875603	533	75.000	9.750	54.00	89,958.01
73296063	578	65.000	11.700	44.00	69,528.72
69960706	542	75.000	9.990	51.00	127,443.47
72009244	587	66.667	8.750	32.00	69,959.72
71883789	629	35.610	6.500	18.00	72,851.15
71894422	524	75.000	7.990	28.00	121,418.31
74607003	700	72.931	6.450	40.00	139,872.20
71899603	601	87.041	8.500	33.00	63,501.51
71904627	509	64.960	9.050	23.00	81,156.10
71083760	592	78.788	6.500	12.00	259,764.95
71180608	516	75.000	10.900	48.00	63,351.90
74173964	538	75.000	10.450	47.00	101,209.32
74174285	513	68.000	8.990	41.00	160,392.15
73518946	532	85.000	10.650	53.00	63,725.47
71907208	565	84.667	8.850	53.00	126,928.43
70268545	505	60.000	8.990	28.00	239,868.63
71497465	536	85.000	10.250	43.00	66,272.19
70618509	574	74.971	8.850	34.00	82,421.52
71919088	618	90.000	6.750	49.00	265,271.41
71923643	531	84.557	11.050	30.00	166,941.09
71928741	686	80.000	7.750	39.00	439,689.45
70764246	637	80.000	9.800	49.00	159,926.14
71704043	584	78.571	7.600	27.00	109,919.98
71768063	588	84.848	8.750	25.00	111,935.56
71934228	675	85.000	8.050	37.00	74,750.31
70853809	632	85.000	6.750	44.00	154,566.80
71567465	537	26.250	7.300	35.00	104,918.90
71580864	520	70.000	11.990	40.00	66,480.93
71613269	694	68.000	6.250	45.00	339,677.39
71616106	524	69.388	7.990	29.00	169,885.70
70803580	550	77.200	6.900	47.00	192,838.65
73193344	689	84.889	6.200	31.00	190,817.01
73548521	530	60.000	8.500	44.00	203,876.41
74175688	544	81.522	8.750	32.00	206,131.34
73311722	543	84.375	8.500	41.00	114,680.48
72772981	659	58.372	6.400	47.00	101,356.49
74020223	572	76.552	9.150	33.00	110,941.24
71181721	524	70.000	8.550	46.00	174,895.07
74918764	700	90.000	6.150	47.00	202,304.12
71975106	534	75.000	10.990	53.00	198,678.97
69242568	552	76.923	8.500	33.00	59,927.04
72980428	780	67.164	5.600	43.00	224,758.32
73506602	591	90.000	7.990	50.00	118,720.12
70115845	652	80.000	8.200	32.00	62,359.80
71170740	520	84.878	9.800	43.00	173,919.67
73932022	629	85.000	9.500	38.00	63,718.64
74563248	647	43.038	6.750	42.00	134,883.77
71986202	660	73.548	6.750	49.00	341,705.54
71868905	659	70.000	7.150	31.00	164,369.10
59805267	688	90.000	7.500	50.00	237,421.25
74323304	668	89.519	5.650	31.00	186,001.87
74627126	562	83.333	9.750	41.00	59,972.00
72008006	533	65.000	11.900	47.00	60,432.31
71234504	594	74.074	9.600	24.00	59,971.10
71279582	597	90.000	8.350	50.00	139,412.84
71396584	531	71.629	11.700	47.00	63,730.50

67849745	623	86.424	9.250	16.00	130,162.84
68729086	510	75.000	7.500	41.00	226,331.90
72017007	670	80.583	5.990	50.00	414,586.07
62960364	663	93.750	6.500	50.00	63,450.36
58338948	521	80.000	11.350	37.00	87,821.42
72027865	534	75.000	8.400	52.00	179,888.69
70499108	527	74.762	7.600	29.00	156,885.79
71221667	752	73.478	6.950	42.00	84,430.05
68502368	667	80.000	9.700	38.00	64,711.29
71664429	564	81.933	6.750	48.00	194,614.17
70681648	535	60.645	8.450	52.00	93,883.97
71287387	525	85.000	8.650	35.00	356,790.31
72201346	517	75.000	9.750	39.00	194,909.02
72204126	611	90.000	8.990	43.00	67,463.05
70808522	549	82.805	9.200	40.00	182,904.13
71175384	609	67.100	7.450	36.00	154,883.80
70747647	571	73.913	7.990	49.00	84,942.85
70996905	627	88.021	8.250	33.00	132,915.19
71541783	589	76.852	6.200	34.00	207,301.20
68590801	521	65.000	11.450	53.00	60,430.46
71330682	544	72.500	9.250	31.00	133,330.84
71191605	552	75.107	9.500	43.00	174,913.92
71594808	605	72.222	7.900	45.00	64,810.49
71663900	613	84.507	8.500	23.00	59,963.65
71292684	529	69.767	12.150	42.00	59,983.39
72065766	534	70.946	8.600	48.00	104,937.68
71703524	658	89.484	6.990	50.00	138,586.08
71722524	656	44.264	6.990	21.00	59,950.72
71522189	634	30.228	7.200	41.00	86,132.08
70545702	593	42.857	8.850	29.00	59,966.18
71584148	550	89.983	8.400	20.00	103,416.01
71635882	528	85.000	9.250	46.00	110,442.71
60205945	607	89.999	7.800	24.00	82,505.93
72453780	600	75.000	8.990	38.00	89,950.73
72458128	622	63.559	8.300	35.00	74,952.66
71735625	548	80.000	9.250	41.00	106,744.63
72093701	567	65.000	8.990	30.00	71,460.85
69215887	613	80.308	6.500	49.00	260,764.05
72545189	535	85.000	8.750	40.00	60,315.27
72545304	528	78.889	9.750	34.00	70,966.88
61314621	524	84.847	9.950	37.00	137,985.62
71736649	572	85.000	8.250	46.00	144,407.85
71736748	619	89.333	8.250	13.00	133,914.55
71737407	634	85.246	8.500	46.00	221,950.45
71048763	652	81.951	7.500	38.00	167,875.31
71065247	552	75.000	8.850	41.00	107,939.13
71751101	600	90.000	8.200	50.00	112,427.52
71754980	548	71.500	7.250	45.00	142,888.44
71761142	655	80.000	7.650	50.00	67,797.32
72549207	529	75.000	8.900	30.00	97,445.62
71812523	530	81.154	8.750	24.00	210,878.60
71869523	664	89.828	8.250	26.00	177,207.89
71832240	521	75.000	10.300	31.00	62,224.17
71487060	564	88.421	7.990	50.00	83,943.52
71505549	638	82.051	6.990	37.00	197,923.30
71353825	541	75.000	10.100	41.00	89,961.02
72107287	531	84.896	12.300	26.00	244,434.57
71796601	719	84.366	6.990	44.00	122,128.46
71825129	605	80.000	6.990	34.00	299,753.60
72108202	649	69.734	6.950	41.00	120,118.17
72125164	539	85.000	9.250	29.00	115,540.06
71493902	572	88.364	8.750	32.00	97,144.07
71568463	567	88.800	7.200	25.00	332,737.63
72129448	624	78.944	6.150	49.00	283,925.10
72163264	635	81.967	6.950	45.00	249,793.05
71514327	531	80.000	8.250	45.00	147,905.62
72125081	553	75.000	9.990	44.00	194,913.55
72125560	553	71.765	10.250	45.00	60,974.41
71919443	555	72.593	7.850	27.00	195,864.43
71989065	645	80.000	6.500	31.00	259,764.95

69912822	647	47.696	8.100	45.00	175,884.28
71804629	523	64.103	7.990	42.00	124,915.95
71815286	503	75.000	11.350	44.00	67,455.18
71827349	661	69.792	7.800	43.00	66,953.18
71625982	521	85.000	9.500	35.00	93,454.01
72212640	507	71.186	10.500	53.00	83,966.61
72213283	613	90.000	7.200	46.00	107,914.90
71621601	616	85.000	7.500	46.00	129,953.48
72385727	586	38.621	9.250	45.00	111,941.93
72138787	632	79.787	12.150	10.00	63,014.55
72142029	578	84.677	7.400	33.00	262,301.25
71699003	714	90.000	6.550	49.00	236,991.64
72318702	525	73.529	7.900	26.00	112,422.97
72403165	646	50.746	6.990	9.00	69,942.50
72296049	568	86.667	8.990	41.00	129,928.84
71893580	615	71.111	6.800	45.00	159,863.58
71903926	524	82.571	10.200	53.00	144,438.75
71830426	621	79.577	6.050	42.00	564,442.89
71837660	552	75.000	8.990	45.00	187,397.37
74691080	612	89.563	6.500	47.00	184,333.21
74687963	514	75.000	7.990	51.00	299,798.29
74689563	569	74.815	7.250	33.00	302,763.63
63018188	583	78.182	8.500	37.00	214,339.44
74324344	671	89.947	6.750	37.00	67,865.45
72089808	574	78.500	8.500	38.00	156,904.88
72240906	660	90.000	7.850	37.00	89,844.33
72016363	548	84.191	10.850	36.00	114,457.81
72183262	633	24.622	7.990	39.00	91,038.74
72550882	526	56.000	7.990	31.00	279,811.74
72575186	569	68.261	8.990	32.00	78,457.03
72601461	696	85.000	8.500	47.00	135,917.60
72602063	577	80.000	8.500	42.00	110,333.11
72156748	614	77.158	9.550	32.00	73,264.32
72159007	528	63.406	7.250	43.00	349,726.96
72609266	510	74.753	9.650	44.00	227,141.70
74326869	597	56.875	7.990	45.00	90,938.81
74328261	640	84.634	7.100	45.00	346,721.12
73997744	570	87.600	7.990	39.00	109,426.38
73998460	507	72.973	7.990	20.00	134,909.23
74033267	646	30.357	5.750	36.00	84,701.44
74058660	639	90.000	9.600	50.00	377,817.95
74030966	554	84.940	8.750	46.00	71,308.94
73628828	532	85.000	8.250	43.00	144,832.58
73644528	563	75.000	8.500	46.00	194,881.86
73646762	630	90.000	8.450	42.00	132,219.02
73613481	625	86.097	6.300	38.00	337,182.84
72165087	531	84.810	8.990	49.00	66,963.32
72431901	592	80.000	6.850	33.00	91,922.33
70965447	589	70.000	9.250	28.00	76,960.07
70299607	675	90.000	7.500	39.00	112,829.20
72762941	645	90.000	6.400	49.00	147,463.95
71913263	756	70.085	5.850	40.00	120,002.93
58375965	544	72.632	9.300	52.00	206,350.33
71739486	579	85.000	7.700	49.00	447,630.64
59126342	501	70.294	9.250	48.00	238,242.07
72776768	597	90.000	9.350	45.00	133,132.38
72777204	556	59.845	6.500	44.00	173,393.10
72832249	685	77.848	5.950	29.00	184,361.14
70958285	551	89.368	9.050	38.00	254,562.31
71977243	556	85.000	9.990	55.00	178,420.86
72196926	533	85.000	10.900	50.00	67,975.22
72211667	533	72.222	10.950	54.00	64,976.57
69678100	582	83.836	11.550	42.00	61,161.11
69802247	524	74.468	9.750	38.00	69,934.41
72846744	536	63.744	7.750	25.00	124,212.26
72895246	566	76.364	9.600	46.00	83,959.54
72924046	612	84.954	6.700	46.00	275,859.94
72215908	692	91.892	6.500	31.00	169,439.94
71457709	532	73.000	10.050	45.00	72,968.05
71497606	506	75.000	8.990	29.00	82,454.83

72986581	523	85.000	9.250	28.00	254,867.80
73005241	532	80.000	8.750	41.00	76,755.81
72023906	615	84.460	6.600	47.00	117,295.91
71840961	619	80.357	8.550	27.00	112,432.54
72065006	686	19.842	6.250	21.00	59,943.06
70711288	652	89.978	7.850	34.00	80,839.93
70807185	578	80.000	8.750	33.00	69,559.95
72140486	719	67.568	5.900	31.00	129,715.29
72244841	557	75.000	7.990	51.00	239,838.63
70871900	517	75.000	8.700	50.00	74,956.40
73782567	525	82.258	7.990	52.00	127,414.27
73784084	572	70.000	7.800	19.00	69,794.10
72829385	560	90.000	7.750	45.00	156,489.47
73101420	531	75.000	10.600	46.00	246,654.04
73104564	626	90.000	7.250	35.00	188,852.56
72241607	549	53.333	9.990	38.00	239,893.60
72243108	726	90.000	5.990	36.00	161,648.96
72246705	625	90.000	9.050	50.00	74,659.61
71226104	522	75.000	10.650	36.00	63,350.61
72741846	624	78.152	8.550	37.00	71,856.89
72776685	533	85.000	9.500	39.00	93,454.01
71455422	534	83.882	9.700	49.00	127,439.88
71455620	603	86.129	7.400	49.00	133,398.92
71456503	669	90.000	7.990	50.00	61,158.85
71528707	540	85.000	9.500	19.00	118,091.88
72253305	519	75.000	9.250	53.00	89,953.34
72256423	559	33.667	7.350	45.00	100,922.76
74987447	581	70.000	6.650	39.00	181,840.20
74927625	505	75.000	7.500	21.00	247,316.32
73187767	574	90.000	8.990	42.00	182,599.99
72033327	549	74.706	8.990	17.00	63,465.24
74640624	612	75.000	8.500	16.00	209,872.78
72035488	522	69.434	8.150	30.00	183,880.25
72270366	513	50.000	7.800	25.00	209,853.27
72036346	665	87.490	7.450	43.00	139,879.06
73283301	662	85.152	5.950	42.00	133,907.82
72274301	596	90.000	8.500	26.00	161,901.86
72274723	517	75.000	9.990	48.00	78,715.08
73974701	526	53.030	9.150	47.00	87,453.68
72781842	564	67.217	8.500	40.00	71,206.83
70727342	538	69.048	8.500	38.00	86,947.29
73974941	562	68.333	7.990	17.00	122,917.30
74260126	640	79.487	6.650	42.00	154,863.91
72294325	534	75.000	10.200	24.00	59,974.56
73313447	536	80.000	9.850	47.00	59,972.59
73353849	636	69.882	5.900	32.00	296,698.63
58462763	526	67.656	8.500	53.00	215,698.98
72068125	631	90.000	10.100	26.00	80,515.11
72080229	639	89.873	6.250	44.00	141,865.26
72302862	565	84.783	8.300	50.00	389,753.84
72303027	520	83.333	11.750	37.00	174,947.07
69921146	559	65.000	7.500	30.00	149,389.05
72891823	680	92.500	5.900	49.00	332,662.10
73015448	623	89.214	5.990	44.00	311,938.56
73061442	540	65.000	8.500	42.00	81,200.77
57990103	525	85.000	10.850	48.00	67,819.66
72308166	506	68.421	9.990	46.00	77,965.42
54882162	651	68.727	7.250	46.00	187,949.00
72312788	518	65.000	9.850	23.00	60,422.38
72316904	551	90.000	8.650	50.00	121,428.63
73284309	505	75.000	7.850	54.00	333,519.14
72294929	554	73.319	8.150	37.00	165,592.16
72233422	572	88.889	7.250	44.00	175,862.69
73388480	615	80.000	7.300	50.00	127,901.13
54377544	632	80.267	7.990	21.00	59,418.34
72319163	536	58.036	10.500	53.00	64,974.16
72325087	571	87.353	8.500	31.00	74,205.02
72078124	544	80.000	8.250	52.00	183,882.66
72336449	615	87.931	7.500	25.00	76,443.23
72346406	616	78.445	8.400	36.00	97,995.36

72409527	591	67.797	8.950	21.00	59,966.88
73008641	597	73.846	6.900	47.00	479,598.71
69656163	579	74.457	7.050	45.00	68,444.40
72410020	556	82.500	10.050	47.00	120,397.28
72355886	631	75.000	8.200	32.00	59,938.93
72359383	593	84.898	8.500	25.00	207,873.98
58511825	608	90.000	9.990	55.00	179,511.13
72366503	598	90.000	7.400	38.00	81,837.99
67482281	547	80.000	10.500	52.00	103,958.67
69063543	541	65.694	8.990	34.00	121,466.47
73453920	541	85.000	9.250	43.00	310,089.15
69116788	587	75.000	9.990	33.00	64,442.56
69854800	529	85.000	7.990	38.00	169,885.70
74519588	546	76.291	7.850	33.00	115,120.31
70130562	671	80.000	8.500	50.00	67,917.30
70140041	661	90.000	7.500	48.00	80,879.38
73490708	694	88.289	7.050	50.00	335,227.69
73530081	621	90.000	8.300	41.00	67,457.40
72377963	522	30.303	7.850	55.00	99,930.83
74021684	659	77.838	6.750	43.00	172,651.22
71234280	612	83.788	7.990	28.00	110,450.77
71512180	522	81.433	7.850	48.00	249,827.08
71554307	558	48.000	9.990	55.00	79,164.88
73444564	563	64.643	7.800	42.00	180,873.53
68883628	578	73.333	7.150	40.00	87,929.97
72784747	622	90.000	9.200	43.00	539,717.10
72804800	593	80.000	9.800	36.00	82,361.95
70080924	523	85.000	9.250	17.00	331,328.14
72385842	554	75.000	9.500	54.00	93,703.88
72120306	625	82.308	6.450	35.00	534,511.63
73553943	634	80.000	6.250	50.00	125,480.82
73554685	609	62.229	5.900	49.00	142,980.76
58046426	588	74.595	8.250	31.00	137,371.68
70883145	542	59.859	8.350	53.00	84,946.89
72398902	604	84.804	7.990	44.00	75,848.97
67354662	731	90.000	5.500	37.00	80,420.78
73053209	651	85.000	7.500	47.00	101,924.30
73054306	563	54.545	7.750	8.00	59,957.65
71697304	545	83.818	8.500	54.00	322,503.50
59140848	647	90.000	7.100	48.00	141,301.97
72401946	523	65.556	7.500	35.00	235,824.85
72206303	590	62.500	7.900	36.00	74,948.64
72279508	570	90.000	7.750	27.00	152,892.01
61343240	573	67.647	7.250	45.00	229,091.96
72637747	589	90.000	7.250	41.00	188,852.56
72660400	672	89.378	7.990	37.00	68,927.33
74609785	528	85.000	10.250	18.00	197,966.95
58516782	528	80.000	9.990	39.00	98,520.51
72660608	625	89.999	7.990	29.00	130,411.26
58524927	514	60.000	10.500	36.00	176,568.61
58531203	578	75.000	9.250	49.00	115,881.29
58536947	531	60.607	9.990	46.00	99,727.27
73263469	535	56.308	10.990	43.00	73,173.84
72406689	578	90.000	9.050	30.00	71,961.07
73263543	552	90.000	8.250	50.00	89,942.61
71316525	517	73.009	12.050	39.00	82,476.65
72408727	514	69.000	8.250	51.00	258,585.00
73580425	643	76.744	6.600	40.00	329,707.42
71817464	626	80.000	6.800	25.00	75,135.88
71734685	601	57.813	7.990	55.00	184,875.61
71654586	557	69.783	7.990	32.00	160,392.08
72871841	541	85.000	11.100	38.00	106,212.92
71386627	587	71.828	7.550	52.00	166,877.29
73581449	505	60.000	10.050	38.00	66,000.00
73602443	526	61.728	7.400	19.00	99,924.29
73199846	537	85.000	10.450	35.00	131,697.07
71841365	687	86.143	5.990	33.00	191,908.39
71771489	613	90.000	8.550	45.00	103,437.94
72419302	520	75.000	7.650	54.00	179,870.37
71451900	578	70.155	8.750	14.00	115,689.39

73640401	667	43.938	6.550	49.00	93,310.48
73664864	536	85.000	10.600	43.00	97,711.98
73692949	617	88.889	6.750	47.00	319,724.48
73693343	558	65.000	9.500	23.00	81,210.03
72425606	521	85.000	8.990	41.00	152,916.25
72221567	686	85.000	6.400	38.00	298,075.00
73609380	624	85.125	6.990	36.00	272,176.27
74176686	646	87.407	6.500	50.00	235,786.64
73201766	566	90.000	7.990	19.00	161,891.08
71792501	567	84.906	7.990	42.00	224,848.72
72855745	576	76.453	6.750	48.00	249,784.75
73448045	540	58.118	7.350	32.00	246,811.11
74051301	567	73.256	7.050	14.00	94,319.69
73295065	600	89.109	7.990	50.00	89,939.48
73633281	595	78.431	7.600	32.00	119,912.71
74573387	556	68.382	8.990	23.00	92,949.10
73634628	699	84.594	6.750	41.00	62,446.18
72433287	591	80.000	9.450	41.00	76,691.42
71499180	556	85.000	9.200	37.00	106,138.24
74054768	648	90.000	7.700	49.00	134,004.40
73509283	633	90.000	10.250	25.00	170,928.29
73473662	630	63.750	7.990	44.00	63,707.13
72901721	558	90.000	8.350	50.00	98,938.15
72750961	590	85.000	7.700	42.00	157,137.89
72711229	603	80.000	9.500	35.00	61,569.70
70752464	605	90.000	7.250	49.00	310,257.78
74657586	550	90.000	9.400	34.00	238,380.19
73721904	576	80.000	10.350	46.00	239,901.49
73723587	540	85.000	10.350	45.00	67,972.09
73626566	562	52.703	7.650	29.00	97,429.78
73205924	547	73.714	6.850	36.00	257,782.18
73626988	633	67.500	7.700	8.00	107,923.00
74204660	576	84.957	8.300	48.00	195,276.67
73794448	698	70.000	7.950	33.00	67,853.97
72034168	634	80.000	7.950	48.00	81,544.68
72441744	585	80.000	7.800	17.00	59,958.07
72224363	524	80.000	7.500	49.00	110,318.06
72018807	583	57.955	6.990	33.00	254,790.57
73819047	605	75.000	8.990	36.00	136,425.28
73821340	531	83.889	9.150	54.00	150,920.06
72923329	621	87.488	9.050	46.00	65,518.37
72019847	537	80.000	9.150	49.00	74,360.61
73206708	644	80.000	5.850	38.00	263,729.55
72283864	610	82.463	6.990	50.00	110,409.24
72123904	560	80.874	7.200	44.00	295,766.78
72062706	594	83.819	10.150	39.00	60,324.14
72452188	603	86.331	7.750	44.00	119,915.30
73838187	622	84.947	6.900	41.00	277,767.59
72949860	542	85.000	10.150	27.00	80,715.40
72330269	519	75.000	9.600	34.00	157,424.14
71874101	610	74.176	9.050	19.00	67,463.50
73395667	522	61.224	9.250	47.00	59,968.89
73649964	507	60.000	9.300	24.00	59,969.21
74714585	540	85.000	9.500	52.00	99,401.08
72953409	704	89.900	7.900	34.00	162,170.75
72390644	600	85.000	8.600	53.00	301,570.92
72454622	658	68.715	6.500	41.00	169,846.31
73881781	548	85.000	10.550	50.00	135,946.53
73675126	656	85.000	7.750	45.00	67,952.00
70836200	597	80.000	7.200	15.00	591,533.57
74208745	552	79.995	6.990	38.00	147,868.45
69371680	563	90.000	9.450	49.00	63,836.21
71919724	540	69.189	7.500	47.00	127,905.00
68299783	648	85.000	5.990	43.00	235,995.99
74755208	624	90.000	5.950	20.00	166,332.65
72226848	522	68.919	9.990	35.00	127,443.47
74209404	592	70.000	7.990	23.00	146,901.17
72455348	591	85.000	9.200	18.00	89,203.24
73697260	575	76.923	6.990	54.00	249,794.67
57326563	680	89.305	7.990	32.00	166,198.09

73914244	544	73.913	8.990	43.00	84,953.47
73916967	537	83.756	8.750	41.00	164,905.07
73956765	589	85.000	6.600	41.00	101,909.56
73957086	532	75.248	7.990	33.00	151,897.80
72460249	657	90.000	7.990	48.00	161,891.08
73059404	588	80.556	7.990	30.00	144,902.51
74254723	535	85.000	8.550	54.00	106,186.29
73957888	569	78.231	6.300	37.00	101,604.43
71611446	536	30.417	7.500	30.00	364,456.53
73979007	543	85.000	10.100	29.00	297,371.17
72470867	605	80.000	9.850	43.00	371,830.09
73549867	696	89.655	5.850	26.00	389,600.48
72009749	564	90.000	7.990	40.00	188,872.93
71651780	537	81.286	8.990	39.00	167,358.34
73061962	777	68.617	7.850	53.00	128,910.77
73575441	507	56.410	7.990	40.00	131,911.25
73588980	637	76.937	6.250	48.00	249,807.74
73975005	727	90.000	6.600	47.00	85,244.35
74262023	657	88.095	7.750	36.00	129,408.59
72473002	551	90.000	7.400	45.00	148,387.56
72473580	586	52.500	7.990	48.00	83,857.21
72769623	581	80.000	7.650	52.00	118,314.73
73942989	584	13.953	10.990	19.00	59,978.55
72532286	601	86.667	7.500	41.00	129,903.52
74007568	567	85.000	9.250	50.00	322,832.54
74081209	633	89.778	6.800	24.00	201,827.78
67562520	539	80.000	7.990	14.00	127,114.47
72905847	550	90.000	7.550	22.00	94,430.56
72032261	567	80.000	7.990	30.00	91,938.14
72071442	537	75.000	8.650	54.00	82,451.54
73104168	570	75.000	7.990	55.00	359,757.95
74760208	696	87.500	7.300	40.00	69,945.93
74761222	645	87.013	6.950	29.00	302,555.33
72230360	632	89.172	6.500	48.00	139,873.43
74256785	542	75.000	8.300	48.00	121,423.31
74256306	591	65.957	8.750	27.00	154,760.45
72472061	600	90.000	7.990	49.00	169,086.23
73767824	548	69.803	10.850	50.00	318,882.47
73981441	620	90.000	8.990	50.00	146,169.95
73982068	554	58.780	7.300	33.00	120,406.92
72473564	635	90.000	6.500	41.00	330,900.59
72072465	520	85.000	9.500	48.00	106,197.74
72073588	694	95.000	7.900	48.00	189,869.89
72485121	660	90.000	7.990	46.00	219,452.35
72485543	519	75.000	9.300	44.00	153,671.12
72485881	529	82.870	8.250	42.00	95,239.23
72286487	560	84.444	7.990	29.00	379,744.51
73982100	537	75.909	10.200	29.00	83,464.60
72320484	614	89.895	7.900	49.00	85,341.52
72347362	595	80.000	6.600	32.00	143,872.33
72523822	556	55.238	7.950	33.00	115,921.37
72342223	528	84.859	10.990	50.00	120,456.94
74257528	630	26.358	7.250	31.00	65,796.26
71363006	558	82.993	7.990	17.00	66,349.35
73524662	699	84.795	6.750	44.00	62,246.36
63809024	611	85.000	8.990	45.00	89,002.03
73617805	630	89.552	7.650	44.00	59,956.79
72430325	538	75.000	8.900	9.00	157,412.16
72506868	637	85.324	6.500	46.00	345,250.60
72497803	569	65.000	9.550	34.00	60,420.57
72507049	541	78.000	7.800	39.00	116,918.25
72229727	557	82.830	7.990	38.00	194,519.12
59795161	566	79.200	8.750	48.00	98,244.58
73203085	526	74.916	7.100	47.00	223,819.97
72536881	591	80.000	9.200	42.00	399,790.45
72618705	525	74.729	8.990	48.00	206,886.70
74640665	645	89.902	5.990	26.00	174,325.95
72514987	555	84.012	7.990	49.00	144,402.84
74989401	574	70.064	7.750	20.00	109,922.36
73232027	581	80.618	7.250	49.00	143,388.05

73279044	537	80.000	8.100	38.00	145,504.27
58871641	632	72.368	7.550	30.00	273,768.41
62373063	589	84.980	7.500	41.00	209,111.28
72521164	738	82.400	6.300	42.00	205,806.41
72643224	603	77.358	7.500	49.00	122,908.71
72645021	563	87.143	8.950	40.00	121,932.66
62487962	574	90.000	10.990	13.00	67,997.04
73435182	546	57.143	9.950	51.00	199,910.57
72304421	772	63.158	6.700	26.00	59,805.71
72445646	600	77.778	7.750	13.00	111,920.94
59416107	571	90.000	9.990	44.00	135,529.45
59428086	633	88.902	7.350	36.00	362,801.70
62328588	525	82.500	8.990	49.00	123,406.15
72682644	654	77.286	5.750	39.00	270,217.58
67919688	501	58.748	7.750	24.00	90,931.04
72531908	581	41.212	8.700	23.00	67,960.47
72533680	554	89.756	7.650	31.00	91,933.74
73668329	552	90.000	6.750	45.00	193,333.40
72660202	613	85.000	7.500	36.00	179,216.89
62195904	544	70.588	10.990	44.00	59,890.77
72305683	560	79.000	8.600	33.00	102,639.05
73558546	535	74.894	8.650	51.00	175,896.62
72766769	528	64.865	9.600	47.00	599,710.03
72537442	649	84.962	7.750	30.00	112,920.24
72543481	551	72.110	9.990	46.00	72,078.03
72846702	538	85.000	10.150	29.00	192,867.33
72788904	531	74.091	8.990	51.00	122,183.08
59435347	648	90.000	7.100	36.00	470,187.63
59496307	635	80.000	8.500	40.00	79,703.97
59518506	572	89.400	8.500	42.00	133,603.81
58899709	584	63.774	8.750	53.00	168,405.83
59551267	606	78.413	8.500	46.00	246,086.13
59580001	640	88.929	8.400	37.00	99,223.87
72552045	509	75.000	9.100	54.00	59,967.90
73559700	629	90.000	5.990	42.00	133,516.69
74039868	654	61.949	5.950	24.00	109,889.44
72850365	526	84.951	8.990	54.00	87,452.10
72886708	503	83.158	7.250	13.00	157,876.74
72915804	626	90.000	7.990	33.00	60,305.31
73022287	545	72.289	9.250	36.00	59,968.89
72577646	666	23.914	8.990	45.00	59,910.05
72582687	505	74.074	10.400	31.00	59,975.63
72586621	569	57.385	9.350	34.00	372,810.64
72494560	556	67.416	10.150	51.00	59,974.29
72550965	641	60.000	8.800	47.00	68,960.71
59743047	564	90.000	9.400	50.00	107,724.41
72591126	638	84.615	8.990	41.00	109,939.78
72593064	620	90.000	8.700	47.00	260,848.27
72939564	623	89.697	7.250	46.00	295,769.08
72989742	521	69.782	8.990	50.00	159,712.53
72991961	537	74.194	7.250	54.00	114,910.28
73076085	529	80.000	7.990	28.00	152,697.26
73077125	717	62.064	5.990	39.00	79,920.20
72554447	549	81.081	10.750	46.00	59,977.41
72591522	505	64.865	10.250	53.00	59,974.83
59445106	507	70.000	9.750	23.00	104,700.01
59446104	658	88.679	7.350	47.00	93,398.98
59454082	666	79.688	6.750	38.00	253,664.01
59457887	656	86.842	7.100	44.00	147,773.26
72597404	616	75.000	9.500	52.00	59,970.48
72598543	575	66.667	8.400	16.00	59,962.89
72599988	524	86.207	9.990	26.00	124,944.58
73086266	635	81.964	5.990	49.00	573,177.73
73180820	677	85.000	6.250	44.00	135,870.95
73181109	537	70.526	10.100	39.00	66,839.83
73140725	574	79.339	8.900	49.00	95,946.45
63666044	518	60.000	9.990	46.00	493,884.31
63012249	628	85.161	7.850	55.00	130,843.37
58955642	535	80.000	8.850	43.00	279,035.63
72721186	655	90.000	6.800	45.00	107,907.92

73141848	571	63.636	6.500	33.00	104,905.07
73189789	600	75.000	8.250	53.00	83,946.43
62983762	555	80.000	9.250	54.00	191,473.46
72618663	655	90.000	8.500	44.00	112,431.85
72620545	611	80.000	7.150	49.00	87,929.97
73459984	546	82.622	8.990	45.00	135,425.83
63538227	550	73.147	9.500	53.00	442,887.72
72630445	554	80.000	8.500	19.00	59,963.65
74064007	534	84.219	9.700	53.00	269,372.92
74091844	542	72.500	9.950	47.00	61,597.44
72650385	515	75.000	8.700	50.00	112,434.60
63135248	562	81.457	8.750	49.00	122,640.93
74092701	574	65.000	10.600	25.00	84,467.14
72651649	618	82.759	6.750	38.00	599,483.41
72652308	572	90.000	7.990	47.00	224,848.72
72753163	633	72.727	6.990	43.00	119,901.44
73248403	524	57.865	8.250	45.00	102,934.32
74093006	608	90.000	7.990	46.00	203,263.25
73321408	532	74.684	9.700	52.00	206,402.63
73403446	648	78.182	7.250	29.00	85,932.90
62510722	518	76.705	10.650	47.00	134,732.77
63023865	556	77.778	7.750	34.00	174,374.37
74093626	664	89.600	6.500	50.00	111,898.75
74094764	539	73.956	8.250	28.00	221,726.51
72659386	538	69.444	7.500	43.00	124,907.23
72660640	666	87.319	7.990	31.00	78,447.22
74094848	520	70.000	11.750	44.00	62,980.95
74164708	573	90.000	8.990	50.00	85,453.20
74165325	601	90.000	6.800	30.00	107,907.92
74166182	677	90.000	6.750	42.00	174,809.36
72869407	528	75.000	7.990	7.00	76,823.31
72667249	545	71.852	7.750	21.00	96,931.54
72669500	608	89.583	7.990	49.00	171,884.35
72670284	604	85.000	7.900	42.00	348,261.37
62659347	576	88.983	9.990	26.00	156,345.73
72680689	556	82.500	9.850	44.00	197,909.56
74166968	568	67.089	7.500	17.00	105,921.33
72693062	606	90.000	8.150	23.00	206,865.28
72694649	510	65.000	10.150	45.00	83,164.35
74222381	699	88.889	5.800	37.00	319,669.06
72700727	785	89.999	5.900	21.00	139,879.91
74269465	566	85.648	7.600	40.00	184,865.43
72712607	506	73.656	8.990	28.00	136,925.01
72905326	536	85.000	10.750	32.00	112,157.76
52123783	725	69.388	5.350	29.00	168,838.77
57161440	663	94.266	7.990	50.00	171,677.68
60492485	550	81.364	8.500	49.00	88,522.11
59498105	534	80.000	9.750	33.00	97,674.14
74269622	540	84.865	10.450	43.00	156,936.93
59506949	597	90.000	7.600	50.00	250,805.14
72724081	529	84.591	10.550	54.00	175,880.82
72726342	533	64.531	9.550	52.00	112,874.03
74269903	522	81.111	8.990	38.00	145,920.08
74270042	609	87.490	6.990	48.00	171,339.16
74272303	539	75.000	9.350	37.00	67,465.73
74692302	529	56.000	9.250	38.00	69,963.70
74692641	629	82.500	6.550	44.00	346,189.78
72727548	524	85.000	9.750	48.00	89,208.36
74060344	539	83.571	10.700	52.00	116,955.47
72909401	572	75.000	8.500	27.00	98,940.02
73305849	553	80.000	7.150	43.00	387,691.25
73668469	573	83.673	7.990	50.00	122,917.30
71105860	556	40.625	9.150	37.00	64,965.59
68003607	615	85.000	6.950	49.00	305,491.89
61438925	541	70.667	8.990	51.00	158,558.26
72730260	574	85.000	11.700	49.00	233,678.51
74312802	529	85.000	7.950	55.00	186,873.25
74313347	553	76.250	11.850	19.00	60,981.96
72498629	652	49.351	6.050	54.00	189,812.65
73670408	676	87.500	6.500	25.00	170,470.75

74314188	669	90.000	8.750	31.00	301,326.53
72743446	534	77.419	7.990	35.00	119,919.31
72754484	597	89.246	7.100	50.00	319,243.23
74349804	569	79.767	7.100	44.00	204,835.25
74350968	623	83.333	6.600	32.00	74,755.03
72756406	573	81.026	9.500	32.00	157,922.28
74351206	673	88.163	5.900	27.00	431,561.65
74351982	537	85.000	9.990	37.00	104,503.65
74386202	616	84.733	6.750	34.00	110,904.43
74434481	540	66.087	6.800	54.00	227,805.61
74298225	607	59.701	7.250	45.00	199,843.97
61979787	552	85.000	10.500	43.00	81,434.99
72763543	643	89.997	7.750	37.00	70,640.67
72766884	623	90.000	7.150	44.00	148,381.83
59522623	624	77.157	6.990	35.00	151,239.97
72973282	590	88.286	6.150	47.00	308,701.11
72973746	621	70.647	5.900	42.00	283,711.82
63467369	560	90.000	8.750	49.00	157,040.24
73640682	537	75.000	8.500	22.00	116,179.57
74004383	569	90.000	7.350	8.00	224,827.94
72937626	558	90.000	9.600	36.00	89,956.65
73133407	667	34.468	6.700	36.00	126,889.57
73624405	699	90.000	9.150	37.00	458,757.01
73019366	558	86.227	6.990	24.00	333,424.93
72274483	537	56.087	7.990	46.00	128,913.27
73057804	589	69.767	6.500	34.00	89,918.63
73059867	631	87.000	8.400	28.00	78,251.58
73064487	593	72.165	8.550	18.00	69,958.02
74455189	512	75.000	8.990	54.00	281,096.05
74458241	538	85.000	8.990	27.00	74,759.06
74459686	620	72.289	9.100	47.00	59,911.29
72798465	551	78.125	7.550	28.00	99,926.52
60541109	529	85.000	10.500	55.00	96,704.04
72481369	632	80.000	8.550	47.00	59,904.90
72805484	604	85.000	9.050	26.00	182,651.21
73223109	531	73.913	7.990	47.00	169,885.70
60969300	534	81.852	9.990	42.00	110,250.89
59177220	522	75.000	8.990	38.00	101,578.02
59177303	603	88.856	8.500	19.00	163,761.04
59090621	591	88.811	8.800	49.00	126,633.07
62328828	543	88.036	9.990	46.00	122,972.19
63478820	572	90.000	9.950	43.00	80,815.84
59213207	531	85.000	9.990	53.00	145,802.93
60118445	625	42.600	7.250	40.00	174,081.34
72830847	647	35.391	6.750	37.00	81,929.39
72833189	577	75.000	9.400	30.00	63,717.98
59596726	579	90.000	7.990	40.00	99,490.20
63314108	612	90.000	9.500	48.00	78,104.35
59602540	553	89.333	9.990	37.00	66,818.03
61378923	647	67.568	7.750	38.00	124,553.12
59607705	579	74.057	8.850	50.00	156,459.27
59781047	635	87.059	8.250	27.00	132,006.41
61184040	559	82.000	8.750	42.00	286,162.21
59285809	538	60.000	9.990	49.00	207,561.74
72845381	593	90.000	8.100	8.00	130,414.20
72847049	581	85.537	8.850	47.00	103,441.67
73619405	507	70.909	9.150	47.00	77,958.70
60064862	641	89.552	9.250	25.00	59,051.78
74494147	624	80.000	7.800	48.00	203,857.46
74494188	572	75.000	9.500	50.00	93,703.88
59652826	537	85.000	9.500	39.00	100,845.48
59658203	518	75.000	9.800	55.00	84,510.41
72851041	512	74.974	8.400	22.00	145,963.88
58264946	574	69.493	7.600	44.00	107,317.19
74146580	601	85.000	8.650	38.00	67,110.55
73727828	506	59.880	7.990	31.00	248,332.92
58369968	556	90.000	8.500	35.00	237,617.58
68187681	683	89.882	5.350	39.00	381,137.95
72852825	541	80.000	7.990	28.00	159,892.42
74524364	631	70.588	8.750	34.00	59,965.47

59588269	723	81.579	6.990	28.00	61,273.03
59682203	732	77.778	7.800	28.00	209,105.20
70859285	548	65.000	8.990	54.00	76,615.71
72855349	619	85.000	6.500	43.00	193,624.80
70185269	568	87.595	9.450	38.00	114,692.96
74527862	580	85.200	8.050	43.00	319,287.78
74568569	534	84.082	8.500	55.00	205,875.20
70420120	553	85.000	9.500	21.00	122,942.03
74763764	611	73.333	8.200	33.00	164,893.70
70417282	542	85.000	8.600	51.00	503,766.26
60319282	624	90.000	7.990	45.00	73,548.54
57208803	635	70.755	10.500	6.00	261,750.28
72554264	563	75.789	6.990	29.00	71,772.64
60927761	675	47.125	6.500	33.00	187,463.61
59355164	538	85.000	10.850	39.00	148,413.41
62804604	618	57.143	8.250	40.00	79,741.37
69847101	642	79.570	7.950	31.00	73,949.84
59791129	652	76.538	6.990	26.00	297,002.47
72868284	566	66.935	6.750	45.00	165,857.07
59386524	512	75.000	9.900	22.00	95,734.23
72878606	556	79.572	7.600	34.00	99,392.65
73490963	544	82.222	7.990	39.00	110,925.37
59717405	619	85.000	9.500	48.00	72,032.49
59724609	502	69.000	9.250	36.00	68,740.08
59726208	517	75.000	9.250	47.00	59,557.15
59726562	650	76.522	9.990	25.00	87,760.96
59727248	575	80.000	7.500	34.00	109,104.28
74572546	586	90.000	8.750	46.00	121,430.09
72889942	611	85.385	8.250	45.00	221,858.43
72891567	527	62.941	9.200	33.00	106,943.94
59947127	669	90.000	6.875	48.00	295,481.29
59987081	627	86.580	8.600	25.00	107,400.57
59750968	632	87.500	7.250	48.00	434,550.16
59753764	651	71.563	8.200	35.00	114,049.79
59424986	531	85.000	9.250	21.00	169,453.49
72895089	547	74.682	6.800	51.00	176,099.73
57980609	616	71.429	8.300	41.00	73,711.66
72897069	565	80.000	7.500	31.00	183,064.03
72909864	524	85.000	9.990	38.00	139,338.20
72913569	597	90.000	7.150	37.00	89,928.38
71101661	671	90.000	6.650	16.00	130,385.42
58573122	710	89.412	6.990	46.00	74,538.93
59814624	600	80.000	7.350	25.00	175,179.94
72917925	623	90.000	6.990	48.00	60,250.47
73828626	567	90.000	7.500	49.00	125,906.48
74288127	617	90.000	7.250	47.00	179,859.58
68774868	561	85.000	7.990	31.00	106,178.56
72921026	557	89.789	6.850	25.00	127,392.35
51844066	761	86.400	5.200	39.00	190,061.80
60836061	564	80.000	10.500	36.00	80,636.62
72918345	562	90.000	7.990	46.00	145,701.97
70269287	593	80.000	6.850	47.00	95,918.95
61948246	558	90.000	8.500	30.00	112,154.36
69688968	583	77.436	6.950	35.00	150,874.99
72925068	595	90.000	7.500	40.00	95,329.19
72975824	620	82.368	5.750	46.00	312,673.20
59838169	566	89.655	8.350	41.00	129,504.09
72804966	519	73.171	8.990	55.00	59,967.15
59512947	574	90.000	9.350	38.00	278,133.41
62608369	568	90.000	9.990	35.00	127,511.92
73737363	605	84.412	6.950	39.00	143,381.20
57360547	655	90.000	8.500	22.00	101,323.70
71273023	550	84.536	9.250	46.00	81,957.48
57130742	633	80.000	8.990	38.00	111,761.54
59862607	586	82.645	8.350	50.00	99,618.56
71387385	520	80.000	11.750	55.00	75,977.01
72938764	559	74.627	6.200	32.00	199,808.39
72593684	521	72.139	7.150	49.00	144,884.62
71400543	567	70.000	8.990	46.00	60,167.05
71478929	572	90.000	8.550	41.00	94,443.33

71561468	524	78.061	9.450	49.00	76,461.97
71640601	556	84.545	8.600	54.00	243,855.20
59889865	677	89.200	7.500	49.00	110,542.96
72949548	752	53.562	5.600	23.00	186,998.92
72954803	576	56.209	6.500	30.00	171,844.51
74288820	544	53.642	7.800	52.00	161,886.80
59915306	649	89.709	6.990	27.00	459,689.89
59919480	572	90.000	8.500	50.00	228,650.87
71902522	618	94.178	7.990	41.00	137,407.55
71928105	591	46.629	8.200	26.00	82,946.53
72973589	566	75.000	6.990	38.00	284,765.93
59993626	502	68.015	9.500	55.00	92,221.48
60063021	654	85.283	7.100	49.00	224,892.73
70501689	548	64.516	11.250	38.00	59,979.74
74850926	554	65.385	6.990	36.00	84,930.19
72591985	687	74.118	6.050	43.00	314,689.40
72592926	617	89.552	8.990	48.00	59,967.15
58594904	643	76.579	6.990	45.00	289,112.84
59627521	635	90.000	7.350	50.00	268,741.99
71856421	591	90.000	8.250	47.00	80,948.35
60870706	592	90.000	7.990	33.00	60,991.50

Deal Name:

ARSI 2004-R4

Detailed collateral info

1,000,000,030.33

	# of Loans	Balance	Avg. Balance	% of group balance	WAC	WARM	FICO	OLTV	CLTV	DTI	% of Full Doc	% of Primary Owner	% Single Family	% Cashout	
Aggregated	6,457	1,000,000,303.33	154,870.73		7.834		352	599	78.67		39.55	67.87	95.24	84.48	83.73
RATE															
10.01-10.5	225	24,396,924.00	108,430.77	2.44%	10.294		352	555	78.02		40.07	61.91	97.56	91.04	91.15
10.501-11	163	17,492,320.34	107,314.85	1.75%	10.789		346	551	78.63		41.53	61.29	93.13	81.43	97.59
11.001-11.5	70	7,005,299.39	100,075.71	0.70%	11.275		345	554	78.17		40.29	50.15	93.22	84.10	91.78
greater than 11.5	93	10,136,983.23	108,999.82	1.01%	12.200		357	542	77.74		39.19	40.88	88.59	79.53	90.47
				5.90%											
Average Loan Balance															
0-24,999	-	-	-	0.00%	-		-	-	-		-	-	-	-	-
25-49,999	-	-	-	0.00%	-		-	-	-		-	-	-	-	-
50-74,999	1,103	72,236,670.94	65,491.09	7.22%	9.009		334	588	72.77		37.30	71.99	93.46	89.53	94.07
				7.22%											
400-500k	120	53,273,949.79	443,949.58	5.33%	7.408		357	616	80.23		42.14	56.60	96.06	76.11	97.59
500-600k	70	38,890,803.93	555,582.91	3.89%	7.225		359	631	81.23		37.59	70.12	92.60	84.03	89.80
600-700k	-	-	#DIV/0!	0.00%	-		-	-	-		-	-	-	-	-
				9.22%											
FICO															
N/A or Below 500	-	-	-	0.00%	-		-	-	-		-	-	-	-	-
500-525	626	83,987,268.35	134,164.96	8.40%	8.915		356	516	71.99		40.12	63.55	98.51	87.31	94.37
525-550	1,271	175,322,486.28	137,940.59	17.53%	8.79		355	538	74.85		41.11	72.32	98.25	86.68	95.43
551-575	994	148,735,492.37	149,633.29	14.87%	8.18		356	563	80.01		39.48	68.38	96.40	84.56	93.55
576-600	639	128,286,777.70	152,903.19	12.83%	7.95		353	588	79.70		39.12	69.37	97.63	85.95	94.09
601-625	862	149,193,747.04	169,153.91	14.92%	7.45		353	613	81.51		39.61	69.43	96.10	87.20	94.52
626-650	594	115,233,842.28	166,043.00	11.52%	7.39		351	638	80.98		39.12	57.19	93.60	83.16	93.62
				80.08%											
LTV															
80	462	60,728,234.95	131,446.40	6.07%	8.023		349	598	80.00		40.00	63.53	95.87	74.72	95.79
80-84	741	129,144,841.34	174,284.54	12.91%	7.771		355	600	83.22		39.75	69.09	94.34	84.91	93.56
85-89	1,297	218,499,956.26	168,465.66	21.85%	7.866		353	608	86.95		40.11	72.29	95.84	88.38	92.30
90-94	938	155,173,431.33	165,430.10	15.52%	7.694		355	624	90.18		40.47	75.46	95.58	88.83	91.65
95-99	39	6,817,207.32	174,800.19	0.68%	7.277		352	711	95.00		39.98	100.00	91.37	85.91	92.13
				57.04%											
2nd Home															
Non-Owner Occupied Property	246	38,019,911.52	154,552.49	3.80%	7.755		353	644	77.12		33.30	59.44	-	57.86	87.64
				4.76%											
2nd lien															
Silent Seconds	56	8,125,392.01	145,096.29	0.81%	7.623		352	619	79.05		42.59	66.40	93.82	78.57	81.95
Documentation Type															
Stated Doc	1,088	171,579,824.91	157,702.04	17.16%	8.240		355	609	74.43		40.30	-	93.95	81.25	94.96
Limited	866	149,697,913.87	172,463.03	14.97%	7.857		354	591	80.05		38.91	-	94.09	83.94	94.09
				32.13%											
Cash Out															
2-4 Family	301	63,304,205.95	210,312.98	6.33%	7.795		355	620	74.76		40.06	53.04	79.07	-	91.73
Condo	178	31,186,364.93	175,204.30	3.12%	7.437		355	609	78.85		39.65	64.28	93.88	-	94.34
				9.45%											
Credit Grade															
B	1,604	223,743,795.68	139,491.14	22.37%	8.800		355	545	75.92		40.96	72.33	98.00	87.12	95.88
C	667	90,119,998.76	135,112.44	9.01%	8.659		354	537	70.73		40.56	63.98	99.15	87.45	91.86
D	88	11,745,987.51	133,477.13	1.17%	9.154		357	527	58.00		40.21	83.57	100.00	94.04	92.08
				32.56%											
Debt to Income Ratio															
40-45	1,160	183,759,933.92	158,413.74	18.38%	7.813		352	602	78.94		43.15	65.67	95.70	84.13	91.57
45-50	1,662	277,095,280.25	166,724.00	27.71%	7.760		353	606	80.99		48.16	66.48	96.71	83.82	93.77
50-55	531	83,775,347.98	157,769.02	8.38%	8.650		356	554	76.03		53.07	73.39	96.21	82.27	94.08
greater than 55	-	-	-	-	-		-	-	-		-	-	-	-	-
				54.46%											

Notes: OLTV means the original LTV of the loan; CLTV applies if there is a silent 2nd lien behind;

FICO Range

	---<= 59 LTV---		---60-70 LTV---		---70-80 LTV---		--->=80 LTV---		--- Total---	
	#	\$	#	\$	#	\$	#	\$	#	\$
<=500	2	165,705.16	2	406,735.90	7	1,307,978.03	0	-	11	1,880,419.09
501-550	199	25,261,883.89	292	38,448,548.43	769	105,071,096.53	626	88,647,804.69	1886	257,429,333.54
551-600	105	13,063,515.62	203	28,638,517.23	445	66,881,916.43	1080	168,437,320.79	1833	277,021,270.07
601-650	99	12,317,042.05	132	15,210,478.74	298	50,770,169.98	1047	183,129,898.55	1576	264,427,589.32
>650	139	19,398,081.40	121	20,238,230.91	167	29,456,458.81	724	130,148,647.19	1151	199,241,418.31
Total	544	70,206,228.12	750	105,942,511.21	1686	253,487,619.78	3477	570,363,671.22	6457	1,000,000,030.33

**MORGAN STANLEY
AMSI 2004-R4**

AVM Population

**Selection Criteria: AVM Population
Table of Contents**

1. Range of Credit Scores
2. Range of Original LTV Ratios (%)
3. Documentation Level
4. Occupancy Type
5. Range of Cut-off Date Principal Balances (\$)

1. Range of Credit Scores

Range of Credit Scores	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
620 - 639	73	9,571,499	21.01	7.153	345	74.38	630
640 - 659	100	12,869,606	28.25	7.015	342	69.80	650
660 - 679	61	8,199,226	18.00	6.582	327	66.99	670
680 - 699	43	5,103,400	11.20	6.433	309	70.27	690
700 - 719	28	4,412,582	9.69	6.396	333	71.85	710
720 - 739	17	2,400,715	5.27	6.057	336	69.49	729
740 - 759	7	928,889	2.04	5.921	350	62.99	750
760 - 779	9	1,131,403	2.48	6.206	358	63.69	773
780 - 799	7	806,914	1.77	6.201	329	65.77	784
800 - 819	1	130,296	0.29	5.750	357	48.76	800
Total:	346	45,554,531	100.00	6.730	335	70.07	672

Minimum: 620
Maximum: 800
Weighted Average: 672

[Top](#)

2. Range of Original LTV Ratios (%)

Range of Original LTV Ratios (%)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
<= 30.00	16	1,383,203	3.04	6.763	300	23.71	684
30.01 - 40.00	22	2,290,768	5.03	6.928	307	35.42	664
40.01 - 50.00	30	3,250,429	7.14	6.944	323	44.15	683
50.01 - 60.00	46	5,722,314	12.56	6.519	330	55.20	678
60.01 - 70.00	65	8,593,298	18.86	6.561	329	65.45	674
70.01 - 80.00	44	6,354,427	13.95	6.363	342	75.97	673
80.01 - 90.00	123	17,960,091	39.43	6.942	347	87.61	666
Total:	346	45,554,531	100.00	6.730	335	70.07	672

Minimum: 16.95
Maximum: 90.00
Weighted Average: 70.07

[Top](#)

3. Documentation Level

		Aggregate Cut-off	% of Mortgage Pool by Aggregate	Weighted Average	Weighted	Weighted	
--	--	-------------------	---------------------------------	------------------	----------	----------	--

	Number of Mortgage Loans	Date Principal Balance (\$)	Cut-off Date Principal Balance	Gross Interest Rate (%)	Average Remaining Term (Months)	Average Original LTV (%)	Weighted Average FICO Score
Documentation Level							
Full Documentation	234	29,402,247	64.54	6.551	328	70.76	675
Stated Documentation	73	10,931,125	24.00	7.222	352	67.12	666
Limited Documentation	39	5,221,159	11.46	6.707	344	72.37	665
Total:	346	45,554,531	100.00	6.730	335	70.07	672

[Top](#)

4. Occupancy Type

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Occupancy Type							
Owner Occupied	317	42,112,688	92.44	6.734	334	69.59	671
Non-Owner Occupied	20	2,317,991	5.09	6.687	358	73.37	690
Second Home	9	1,123,852	2.47	6.662	359	81.34	672
Total:	346	45,554,531	100.00	6.730	335	70.07	672

[Top](#)

5. Range of Cut-off Date Principal Balances (\$)

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Range of Cut-off Date Principal Balances (\$)							
50,000.01 - 75,000.00	72	4,711,167	10.34	7.499	301	58.54	665
75,000.01 - 100,000.00	55	4,785,203	10.50	7.034	338	60.00	668
100,000.01 - 125,000.00	48	5,464,288	12.00	6.755	319	66.27	674
125,000.01 - 150,000.00	52	7,116,691	15.62	6.509	336	75.68	681
150,000.01 - 175,000.00	31	5,026,691	11.03	6.637	334	68.40	664
175,000.01 - 200,000.00	38	7,173,252	15.75	6.557	338	74.52	674
200,000.01 - 225,000.00	27	5,735,488	12.59	6.722	352	74.85	679
225,000.01 - 250,000.00	22	5,263,984	11.56	6.363	359	75.44	664
275,000.01 - 300,000.00	1	277,768	0.61	6.900	359	84.95	622
Total:	346	45,554,531	100.00	6.730	335	70.07	672

Minimum: 59,429
Maximum: 277,768
Average: 131,660

[Top](#)

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded

MORGAN STANLEY
AMSI 2004-R4

All records

All records									
Product	Prepay Term	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
ARM - 2 Year/5 Month	0	1,529	237,219,691.46	23.72	355	39.49	8.501	585	78.69
	12	209	43,608,660.18	4.36	358	39.54	7.201	596	78.88
	24	43	8,963,071.03	0.90	359	40.81	7.295	599	82.51
	30	6	1,394,183.48	0.14	359	29.32	7.107	652	83.63
	36	3,175	508,814,403.87	50.88	357	39.83	7.689	584	79.36
Total:		4,962	800,000,010.02	80.00	356	39.71	7.898	585	79.18
Fixed Rate	0	235	24,209,284.28	2.42	323	39.69	8.293	660	75.70
	12	230	44,957,327.52	4.50	340	40.14	7.463	655	72.40
	24	2	220,197.61	0.02	359	45.00	6.425	760	77.08
	30	2	333,198.02	0.03	359	32.04	8.57	625	86.89
	36	1,026	130,280,012.88	13.03	336	38.39	7.486	655	78.20
Total:		1,495	200,000,020.31	20.00	335	38.94	7.579	656	76.61
Grand Total:		6,457	1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

4/26/2004 14:37

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall

MORGAN STANLEY
AMSI 2004-R4

Current Balance above \$500k

Selection Criteria: Current Balance above \$500k
Table of Contents

1. Summary Statistics
2. Product Types
3. Range of Principal Balances at Origination (\$)
4. Range of Cut-off Date Principal Balances (\$)
5. Range of Stated Remaining Terms (months)
6. Range of Gross Interest Rates (%)
7. Range of Original LTV Ratios (%)
8. Credit Score
9. Debt to Income Ratio
10. Geographic Distribution of Mortgaged Properties
11. Occupancy
12. Documentation Level
13. Loan Purpose
14. Credit Grade
15. Property Type
16. Prepayment Penalty Term
17. Confirming Balance
18. Range of Maximum Loan Rates (%)
19. Range of Minimum Mortgage Rates (%)
20. Range of Gross Margins (%)
21. Next Rate Adjustment Dates
22. Initial Periodic Cap (%)
23. Subsequent Periodic Cap (%)

1. Summary Statistics

Number of Mortgage Loans: 70
Aggregate Current Principal Balance: \$38,890,803.93
Average Current Principal Balance: \$555,582.91
Minimum Current Principal Balance: \$503,661.13
Maximum Current Principal Balance: \$599,710.03
Aggregate Original Principal Balance: \$38,927,273.00
Average Original Principal Balance: \$556,103.90
Minimum Original Principal Balance: \$504,000.00
Maximum Original Principal Balance: \$600,000.00
Fully Amortizing Mortgage Loans: 100.000%
1st Lien: 100.000%
Wtd. Avg. Gross Coupon: 7.225%
Minimum Gross Coupon: 5.550%
Maximum Gross Coupon: 11.950%
Wtd. Avg. Original Term (months): 360
Minimum Original Term (months): 360
Maximum Original Term (months): 360
Wtd. Avg. Remaining Term (months): 359
Minimum Remaining Term (months): 355
Maximum Remaining Term (months): 359
Margin (ARM Loans Only): 5.746%
Minimum Margin (ARM Loans Only): 3.301%
Maximum Margin (ARM Loans Only): 6.750%
Wtd. Avg. Maximum Interest Rate (ARM Loans Only): 13.340%
Minimum Maximum Interest Rate (ARM Loans Only): 11.550%
Maximum Maximum Interest Rate (ARM Loans Only): 17.950%
Wtd. Avg. Minimum Interest Rate (ARM Loans Only): 7.340%
Minimum Minimum Interest Rate (ARM Loans Only): 5.550%
Maximum Minimum Interest Rate (ARM Loans Only): 11.950%
Wtd. Avg. Original LTV: 81.23%
Minimum Original LTV: 54.21%
Maximum Original LTV: 80.00%
Wtd. Avg. Borrower FICO: 631
Minimum Borrower FICO: 507
Maximum Borrower FICO: 780

[Top](#)

2. Product Types

	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-off Date	Remaining Term to Maturity (months)	Debt-To- Income (%)	Gross Coupon (%)	FICO	OLTV (%)
Product Types								
Fixed Rate	12	6,602,882.15	16.98	359	44.02	6.667	672	79.36
ARM - 2 Year/6 Month	58	32,287,921.78	83.02	358	36.27	7.340	622	81.62
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

[Top](#)

3. Range of Principal Balances at Origination (\$)

	Number of Mortgage Loans	Principal Balance As of Origination	% of Principal Balance As of Origination	Remaining Term to Maturity (months)	Debt-To- Income (%)	Gross Coupon (%)	FICO	OLTV (%)
Range of Principal Balances at Origination (\$)								
\$00,000.01 - \$50,000.00	33	17,318,800.00	44.48	359	38.12	7.469	625	82.37
\$50,000.01 - \$60,000.00	37	21,608,473.00	55.51	358	37.16	7.030	635	80.32
Total:	70	38,927,273.00	100.00	359	37.59	7.225	631	81.23
Minimum: \$04,000.00								

Maximum: 600,000.00
Average: 556,103.90
Total: 38,927,273.00

[Top](#)

4. Range of Cut-off Date Principal Balances (\$)

Range of Cut-off Date Principal Balances (\$)	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
500,000.01 - 550,000.00	33	17,300,719.24	44.49	359	38.12	7.469	625	82.37
550,000.01 - 600,000.00	37	21,590,084.69	55.51	359	37.16	7.030	635	80.32
Total:	70	38,890,803.93	100.00	359	37.69	7.225	631	81.23

Minimum: 503,861.13
Maximum: 599,710.03
Average: 555,582.91

[Top](#)

5. Range of Stated Remaining Terms (months)

Range of Stated Remaining Terms (months)	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
301 - 360	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

Minimum: 355
Maximum: 359
Weighted Average: 359

[Top](#)

6. Range of Gross Interest Rates (%)

Range of Gross Interest Rates (%)	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
5.500 - 5.999	11	6,160,106.82	15.84	359	34.51	5.915	670	77.97
6.000 - 6.499	12	6,619,590.87	17.02	359	43.15	6.245	644	82.63
6.500 - 6.999	16	8,995,274.38	23.13	359	41.28	6.769	647	81.18
7.000 - 7.499	7	3,902,049.96	10.03	359	35.10	7.245	604	78.67
7.500 - 7.999	13	7,268,231.42	18.66	359	32.89	7.857	623	84.85
8.000 - 8.499	1	512,666.13	1.32	359	28.00	8.150	620	90.00
8.500 - 8.999	3	1,620,024.66	4.17	358	44.81	8.722	592	82.89
9.000 - 9.499	1	539,717.10	1.39	359	43.00	9.200	622	90.00
9.500 - 9.999	4	2,214,506.29	5.69	358	30.23	9.840	566	75.79
10.500 - 10.999	1	531,788.58	1.37	359	46.00	10.500	510	68.65
11.500 - 11.999	1	526,847.52	1.35	359	28.00	11.950	558	85.00
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

Minimum: 5.550
Maximum: 11.950
Weighted Average: 7.225

[Top](#)

7. Range of Original LTV Ratios (%)

Range of Original LTV Ratios (%)	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
50.01 - 55.00	1	514,486.33	1.32	359	31.00	5.990	658	54.21
55.01 - 60.00	2	1,166,967.18	3.00	359	33.81	6.651	611	58.44
60.01 - 65.00	3	1,738,642.04	4.47	359	45.79	7.466	632	64.33
65.01 - 70.00	1	531,788.58	1.37	359	46.00	10.500	510	68.65
70.01 - 75.00	9	5,265,435.48	13.54	358	34.44	7.683	608	74.83
75.01 - 80.00	12	6,567,626.00	16.89	359	38.16	6.981	624	78.82
80.01 - 85.00	17	9,364,654.68	24.06	359	37.11	6.880	643	83.57
85.01 - 90.00	25	13,741,203.68	35.33	359	36.05	7.350	636	86.82
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

Minimum: 54.21
Maximum: 90.00
Weighted Average: 81.23

[Top](#)

8. Credit Score

Credit Score	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
500 - 519	2	1,070,571.49	2.75	357	30.41	10.243	508	71.84
520 - 539	3	1,765,859.64	4.54	359	31.51	8.283	533	65.71
540 - 559	4	2,139,904.21	5.50	359	41.81	8.462	552	84.73
560 - 579	2	1,051,154.08	2.70	359	38.65	7.111	570	83.24
580 - 599	7	3,887,952.75	10.00	359	33.58	7.773	590	82.46

600 - 619	10	5,690,613.29	14.63	359	32.88	6,925	613	83.39
620 - 639	14	7,670,193.73	19.72	359	43.93	7,125	629	83.19
640 - 659	9	4,976,351.56	12.80	359	36.46	7,679	648	84.22
660 - 679	7	3,883,265.00	9.99	359	38.92	6,189	668	78.38
680 - 699	2	1,096,133.91	2.82	359	41.08	6,128	684	71.21
700 - 719	6	3,396,371.49	8.73	359	44.88	6,485	708	79.65
720 - 739	2	1,112,521.96	2.86	359	24.18	6,648	730	85.00
740 - 759	1	549,526.46	1.41	359	49	6,750	748	85.94
760 - 779	1	589,384.36	1.54	359	12	5,850	760	83.92
Total:	70	38,890,803.93	100.00	359	37.59	7,225	631	81.23

Non-Zero Minimum: 507

Maximum: 760

Non-Zero Weighted Average: 631

[Top](#)

9. Debt to Income Ratio

Debt to Income Ratio	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
<= 20.00	8	4,538,245.87	11.67	359	14.62	7,524	638	83.59
20.01 - 25.00	3	1,706,748.85	4.39	359	23.69	7,573	547	73.60
25.01 - 30.00	7	3,797,065.69	9.76	359	27.87	7,928	621	86.87
30.01 - 35.00	12	6,640,169.31	17.07	359	33.10	6,822	648	80.28
35.01 - 40.00	4	2,347,132.37	6.04	359	37.49	7,238	607	78.32
40.01 - 45.00	9	4,959,542.06	12.75	359	43.23	6,924	635	79.50
45.01 - 50.00	22	12,334,754.67	31.72	359	48.03	7,253	638	80.51
50.01 - 55.00	5	2,567,145.11	6.60	359	52.40	6,911	621	85.78
Total:	70	38,890,803.93	100.00	359	37.59	7,225	631	81.23

[Top](#)

10. Geographic Distribution of Mortgaged Properties

Geographic Distribution of Mortgaged Properties	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
California	28	15,664,399.60	40.28	359	40.01	6,737	647	80.67
Florida	6	3,331,127.24	8.57	358	42.03	8,265	633	81.70
New York	5	2,731,892.08	7.02	358	37.78	7,702	632	82.79
Massachusetts	5	2,861,416.07	6.84	359	42.28	6,698	626	82.47
Washington	4	2,307,807.32	5.93	359	28.33	7,782	625	75.11
Illinois	3	1,740,356.24	4.47	359	31	7,175	579	77.37
Texas	3	1,717,699.06	4.42	359	35.66	7,038	624	79.96
Colorado	3	1,661,892.52	4.27	359	39.38	8,267	558	77.58
Nevada	2	1,112,172.34	2.86	359	38.24	7,525	625	81.42
Hawaii	2	1,044,640.49	2.69	359	39.34	6,993	678	85.00
Maryland	2	1,021,175.28	2.63	359	40.98	6,519	620	87.88
Georgia	1	599,483.41	1.54	359	38	6,750	618	82.78
North Carolina	1	599,384.36	1.54	359	12	5,850	760	83.92
Wisconsin	1	575,597.54	1.48	359	19	7,800	647	90.00
South Carolina	1	539,717.10	1.39	359	43	9,200	622	90.00
Oklahoma	1	539,599.24	1.39	359	24	7,500	572	89.70
New Jersey	1	538,782.91	1.39	355	15	9,990	507	75.00
Connecticut	1	503,661.13	1.30	359	45	7,990	585	90.00
Total:	70	38,890,803.93	100.00	359	37.59	7,225	631	81.23

Number of States/District of Columbia Represented: 18

[Top](#)

11. Occupancy

Occupancy	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
Owner Occupied	65	36,012,983.08	92.60	359	38.13	7,184	628	81.36
Non-Owner Occupied	5	2,877,820.85	7.40	359	30.81	7,746	661	79.69
Total:	70	38,890,803.93	100.00	359	37.59	7,225	631	81.23

[Top](#)

12. Documentation Level

Documentation Level	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
Full Documentation	49	27,269,868.61	70.12	359	38.07	7,283	628	81.25
Stated Documentation	12	6,729,620.91	17.30	359	41.74	7,081	644	79.09
Limited Documentation	9	4,891,314.41	12.58	359	29.20	7,101	625	84.08
Total:	70	38,890,803.93	100.00	359	37.59	7,225	631	81.23

[Top](#)

13. Loan Purpose

	Principal	Remaining						
--	-----------	-----------	--	--	--	--	--	--

Loan Purpose	Number of Mortgage Loans	Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
Refinance - Cashout	63	34,925,211.07	89.80	359	37.61	7.215	633	81.59
Refinance - Rate Term	7	3,965,592.86	10.20	359	37.41	7.321	611	78.13
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

[Top](#)

14. Credit Grade

Credit Grade	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
2A	10	5,701,779.60	14.66	359	32.90	7.604	588	81.38
3A	9	5,091,081.35	13.09	359	32.28	6.886	614	84.37
4A	13	7,070,596.14	18.18	359	44.77	7.052	626	83.89
5A	8	4,441,439.92	11.42	359	36.64	7.641	649	85.34
6A	7	3,883,265.00	9.99	359	38.92	6.189	666	78.38
7A	6	3,298,054.51	8.48	359	45.92	6.244	699	77.01
8A	6	3,455,883.67	8.89	359	30.87	6.570	731	82.96
A	4	2,072,592.71	5.33	359	42.68	8.322	575	83.25
B	3	1,671,041.92	4.30	359	39.71	8.534	536	68.20
C	4	2,205,067.11	5.67	359	30.05	9.046	547	73.46
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

[Top](#)

15. Property Type

Property Type	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
Single Family Residence	59	32,679,832.38	84.03	359	37.34	7.291	621	81.31
PUD	5	2,829,404.26	7.28	359	39.31	6.267	688	78.10
2-4 Family	4	2,293,755.13	5.90	359	33.29	6.888	693	82.70
Condominium	2	1,087,802.16	2.80	359	49.52	8.448	646	84.05
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

[Top](#)

16. Prepayment Penalty Term

Prepayment Penalty Term	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
0	25	14,001,974.57	36.00	359	35.07	7.684	624	82.36
12	6	3,441,207.13	8.85	359	42.22	6.741	616	80.92
24	1	595,483.41	1.54	359	38.00	6.750	618	82.76
30	1	599,384.36	1.54	359	12.00	5.850	760	83.82
36	37	20,246,754.46	52.07	359	39.29	7.046	634	80.39
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

Non-Zero Minimum: 12
Maximum: 36
Non-Zero Weighted Average: 32
% w Penalty: 64.00

[Top](#)

17. Conforming Balance

Conforming Balance	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
Conforming Balance	2	1,116,681.99	2.87	359	41.65	6.466	705	85.65
Non-Conforming Balance	68	37,774,121.94	97.13	359	37.46	7.248	628	81.10
Total:	70	38,890,803.93	100.00	359	37.59	7.225	631	81.23

[Top](#)

18. Range of Maximum Loan Rates (%)

Range of Maximum Loan Rates (%)	Number of Mortgage Loans	Principal Balance As of the Cut-off Date	% of Principal Balance As of the Cut-Off Date	Remaining Term to Maturity (months)	Debt-To-Income (%)	Gross Coupon (%)	FICO	OLTV (%)
11.500 - 11.999	9	5,141,124.19	13.22	359	34.12	5.900	665	80.19
12.000 - 12.499	8	4,394,514.54	11.30	359	39.38	6.253	620	82.89
12.500 - 12.999	13	7,272,245.88	18.69	359	40.05	6.764	643	82.53
13.000 - 13.499	6	3,392,443.88	8.72	359	33.46	7.236	601	77.72
13.500 - 13.999	11	6,142,042.81	15.80	359	32.84	7.894	618	84.13
14.000 - 14.499	1	512,666.13	1.33	359	28.00	8.150	620	90.00
14.500 - 14.999	3	1,620,024.86	4.17	359	44.81	8.722	592	82.89
15.000 - 15.499	1	539,717.10	1.39	359	43.00	9.200	622	90.00
15.500 - 15.999	4	2,214,506.29	5.70	359	30.23	9.840	566	75.79
16.500 - 16.999	1	531,788.58	1.35	359	46.00	10.500	510	68.65
17.500 - 17.999	1	526,847.52	1.35	359	28.00	11.950	558	85.00

Non-Zero Minimum: 11.550
Maximum: 17.950
Non-Zero Weighted Average: 13.340

19. Range of Minimum Mortgage Rates (%)

Non-Zero Minimum: 5.550
Maximum: 11.950
Non-Zero Weighted Average: 7.340

20. Range of Gross Margins (%)

Non-Zero Minimum: 3.301
Maximum: 6.750
Non-Zero Weighted Average: 5.748

21. Next Rate Adjustment Dates

Top

22. Initial Periodic Cap (%)

Non-Zero Minimum: 2.000
Maximum: 2.000
Non-Zero Weighted Average: 2.000

23. Subsequent Periodic Cap (%)

Non-Zero Minimum: 1.000
Maximum: 1.000

Non-Zero Weighted Average: 1.000

[Top](#)

4/26/2004 11:32

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented.

**MORGAN STANLEY
AMSI 2004-R4**

All records

**Selection Criteria: All records
Table of Contents**

1. Summary Stats

1. Summary Stats

Loans	6,457
Average	\$154,870.69
WAC	7.83%
WA LTV	78.67%
First Lien	100.00%
Owner Occ	95.24%
Purchase	0.36%
Full Doc	67.87%
Reduced/Limited Doc	14.97%
Stated	17.16%
FICO	599
FICO Range (Minimum)	500
FICO Range (Maximum)	810
Floating	80.00%
Fixed	20.00%
LTV > 80%	50.96%
LTV > 90%	1.69%
IO	0.00%
Loans < 100k	17.87%
Loans < 75k	7.22%
Loans > 350k	13.62%
Loans > 500k	3.89%
Loans gt 750k	0.00%
DTI	39.55%
CA	21.69%
North CA	5.75%
South CA	15.95%
Florida	10.79%
Illinois	3.89%
Michigan	4.12%
Texas	3.73%
New York	7.69%
New Jersey	0.55%
Virginia	0.00%
Mass	6.75%

Single Property	84.48%
PUD	4.88%
2-4F	6.33%
Cashout	93.73%
FICO < 600	52.93%
FICO < 575	40.39%
FICO < 550	25.03%
Below 525	7.66%
526 to 550	17.53%
551 to 575	14.87%
576 to 600	12.83%
601 to 625	14.92%

Top

4/26/2004 10:52

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, and

MORGAN STANLEY
AMSI 2004-R4

FICOs below 575

Selection Criteria: FICOs below 575
Table of Contents

- [1. Range of Credit Scores](#)
- [2. Range of Original LTV Ratios \(%\)](#)
- [3. Documentation Level](#)
- [4. Occupancy Type](#)
- [5. Range of Cut-off Date Principal Balances \(\\$\)](#)

1. Range of Credit Scores

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Range of Credit Scores							
500 - 519	347	46636398	11.60	8.915	356	69.19	510
520 - 539	1044	139874206	34.63	8.883	356	74.76	530
540 - 559	871	127411208	31.55	8.481	355	76.89	549
560 - 579	601	89740527	22.22	8.164	355	80.86	567
Total:	2863	403862339	100.00	8.600	356	76.14	542

Minimum: 500
Maximum: 574
Weighted Average: 542

[Top](#)

2. Range of Original LTV Ratios (%)

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Range of Original LTV Ratios (%)							
<= 30.00	19	1696589	0.42	8.417	359	25.08	541
30.01 - 40.00	31	3261326	0.81	7.990	353	35.47	540
40.01 - 50.00	50	5680449	1.46	8.222	353	45.73	536
50.01 - 60.00	210	27962723	6.92	8.531	354	57.03	533
60.01 - 70.00	382	51392551	12.73	8.480	355	66.54	537
70.01 - 80.00	1169	161459656	39.98	8.547	354	75.79	539
80.01 - 90.00	993	150969957	37.38	8.749	357	85.82	549
90.01 - 100.00	9	1239089	0.31	7.586	349	92.49	558
Total:	2863	403862339	100.00	8.600	355	76.14	542

Minimum: 14.80
Maximum: 94.19
Weighted Average: 76.14

[Top](#)

3. Documentation Level

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Documentation Level							
Full Documentation	1998	278867199	69.00	8.499	355	76.89	542
Limited Documentation	414	66370413	16.43	8.490	356	78.05	541
Stated Documentation	451	58624727	14.57	9.204	356	70.40	542
Total:	2863	403862339	100.00	8.600	355	76.14	542

[Top](#)

4. Occupancy Type

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Occupancy Type							
Owner Occupied	2798	394334596	97.64	8.586	355	76.20	542
Non-Owner Occupied	49	7396856	1.83	9.458	355	73.57	547
Second Home	16	2130887	0.53	8.307	338	74.44	551
Total:	2863	403862339	100.00	8.600	355	76.14	542

[Top](#)

5. Range of Cut-off Date Principal Balances (\$)

Range of Cut-off Date Principal Balances (\$)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
50,000.01 - 75,000.00	548	35835858	8.87	9.673	344	71.80	539
75,000.01 - 100,000.00	591	51783284	12.82	9.060	352	74.75	540
100,000.01 - 125,000.00	404	45256199	11.21	8.731	355	75.39	541
125,000.01 - 150,000.00	346	47475547	11.76	8.528	356	77.09	542
150,000.01 - 175,000.00	268	43817182	10.80	8.512	358	76.45	542
175,000.01 - 200,000.00	195	36446609	9.02	8.326	357	75.63	544
200,000.01 - 225,000.00	140	29830517	7.39	8.234	357	76.52	543
225,000.01 - 250,000.00	88	21071196	5.22	8.329	357	76.27	542
250,000.01 - 275,000.00	73	19111126	4.73	8.262	359	76.24	543
275,000.01 - 300,000.00	70	20172687	4.99	8.078	359	77.28	543
300,000.01 - 325,000.00	36	11289692	2.80	8.364	355	79.65	548
325,000.01 - 350,000.00	27	9036711	2.24	8.223	359	76.73	537
350,000.01 - 375,000.00	17	6137622	1.52	7.725	359	75.33	553
375,000.01 - 400,000.00	17	6597980	1.63	7.847	359	76.99	551
400,000.01 - 425,000.00	10	4119772	1.02	8.610	359	77.36	548
425,000.01 - 450,000.00	10	4392518	1.09	8.237	358	73.42	541
450,000.01 - 475,000.00	7	3243480	0.80	9.189	359	77.88	532
475,000.01 - 500,000.00	5	2415873	0.60	8.397	358	69.43	540
500,000.01 - 525,000.00	3	1525105	0.38	7.244	359	79.95	555
525,000.01 - 550,000.00	4	2137018	0.53	9.971	358	79.60	537
550,000.01 - 575,000.00	1	567566	0.14	7.350	359	56.80	539
575,000.01 - 600,000.00	3	1798800	0.45	8.147	359	76.47	537
Total:	2863	403862339	100.00	8.600	355	76.14	542

Minimum: 59,486
Maximum: 599,710
Average: 141,063

[Top](#)

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded.

MORGAN STANLEY
AMSI 2004-R4

LTV above 90

Selection Criteria: LTV above 90
Table of Contents

1. Range of Credit Scores
2. Range of Original LTV Ratios (%)
3. Documentation Level
4. Occupancy Type
5. Range of Cut-off Date Principal Balances (\$)

1. Range of Credit Scores

Range of Credit Scores	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
520 - 539	1	149,796	0.69	7.950	358	90.91	537
540 - 559	4	420,508	2.50	7.866	359	93.20	551
560 - 579	5	744,740	4.42	7.481	342	92.31	588
580 - 599	3	682,515	4.05	7.723	359	93.08	588
600 - 619	8	1,136,607	6.74	7.408	352	92.30	610
640 - 659	5	1,251,886	7.43	6.866	359	94.21	652
660 - 679	6	1,096,184	6.50	7.245	341	93.72	672
680 - 699	32	5,750,685	34.12	7.231	353	93.55	669
700 - 719	11	1,525,995	9.05	6.814	341	94.00	708
720 - 739	13	2,425,219	14.39	6.845	359	94.13	728
740 - 759	5	717,057	4.25	8.369	329	94.94	749
760 - 779	4	619,811	3.68	6.442	329	95.00	765
780 - 799	1	332,214	1.97	6.750	359	95.00	780
Total:	98	16,852,796	100.00	7.186	350	93.68	680

Minimum: 537
Maximum: 780
Weighted Average: 680

[Top](#)

2. Range of Original LTV Ratios (%)

Range of Original LTV Ratios (%)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
90.01 - 100.00	98	16,852,796	100.00	7.186	350	93.68	680
Total:	98	16,852,796	100.00	7.186	350	93.68	680

Minimum: 90.14
Maximum: 95.00
Weighted Average: 93.68

[Top](#)

3. Documentation Level

Documentation Level	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Full Documentation	95	16,442,756	97.57	7.181	351	93.72	682
Limited Documentation	2	346,616	2.06	6.749	358	92.63	586
Stated Documentation	1	63,424	0.38	10.750	239	90.71	613
Total:	98	16,852,796	100.00	7.186	350	93.68	680

[Top](#)

4. Occupancy Type

Occupancy Type	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Owner Occupied	94	15,889,473	94.28	7.141	350	93.65	677
Second Home	3	863,410	5.12	8.048	359	94.43	730
Non-Owner Occupied	1	99,914	0.59	6.750	359	93.46	691

Total:	98	16,852,796	100.00	7.186	350	93.68	680
--------	----	------------	--------	-------	-----	-------	-----

[Top](#)

5. Range of Cut-off Date Principal Balances (\$)

Range of Cut-off Date Principal Balances (\$)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
50,000.01 - 75,000.00	5	313,333	1.88	8.375	333	82.67	658
75,000.01 - 100,000.00	16	1,394,974	8.28	7.714	359	93.53	676
100,000.01 - 125,000.00	16	1,777,831	10.55	7.849	338	94.05	665
125,000.01 - 150,000.00	12	1,645,073	9.75	7.056	342	93.04	662
150,000.01 - 175,000.00	15	2,462,861	14.61	6.879	338	93.83	679
175,000.01 - 200,000.00	6	1,133,298	6.72	6.461	340	94.46	713
200,000.01 - 225,000.00	7	1,489,614	8.84	7.054	359	93.50	695
225,000.01 - 250,000.00	5	1,192,857	7.08	7.851	359	94.31	677
250,000.01 - 275,000.00	3	807,767	4.79	6.487	359	93.48	718
300,000.01 - 325,000.00	2	610,743	3.62	7.607	359	91.77	650
325,000.01 - 350,000.00	4	1,330,619	7.90	7.164	359	93.80	710
350,000.01 - 375,000.00	4	1,425,683	8.46	7.403	359	93.90	659
375,000.01 - 400,000.00	1	388,199	2.30	6.500	359	95.00	687
400,000.01 - 425,000.00	1	414,606	2.46	6.250	359	92.22	677
450,000.01 - 475,000.00	1	465,558	2.76	6.250	359	94.14	659
Total:	98	16,852,796	100.00	7.186	350	93.68	680

Minimum: 59,947
Maximum: 465,558
Average: 171,967

[Top](#)

4/26/2004 10:21

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety.

MORGAN STANLEY
AMSI 2004-R4

Non-Full Documentation

Selection Criteria: Non-Full Documentation
Table of Contents

1. Range of Credit Scores
2. Range of Original LTV Ratios (%)
3. Documentation Level
4. Occupancy Type
5. Range of Cut-off Date Principal Balances (\$)

1. Range of Credit Scores

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Range of Credit Scores							
500 - 519	125	16,549,558	5.15	9.166	357	69.57	510
520 - 539	302	41,852,908	13.03	9.084	355	73.05	529
540 - 559	256	38,441,101	11.97	8.641	356	74.63	550
560 - 579	229	34,809,543	10.77	8.498	357	78.06	569
580 - 599	204	32,276,235	10.05	8.192	355	76.98	589
600 - 619	196	35,071,946	10.92	7.795	353	78.05	609
620 - 639	219	40,713,056	12.67	7.597	354	81.52	630
640 - 659	177	30,724,891	9.56	7.433	352	78.94	648
660 - 679	88	18,232,103	5.67	6.974	348	78.94	669
680 - 699	56	12,308,652	3.83	7.042	352	80.00	690
700 - 719	41	8,098,218	2.52	7.134	357	78.27	708
720 - 739	29	5,934,099	1.85	6.768	344	75.43	728
740 - 759	20	3,973,189	1.24	7.052	358	81.96	751
760 - 779	9	1,542,608	0.48	6.908	358	75.19	770
780 - 799	4	675,255	0.21	6.497	358	63.59	791
800 - 819	1	274,377	0.09	5.500	358	65.48	805
Total:	1,956	321,277,739	100.00	8.062	354	77.05	601

Minimum: 500
Maximum: 805
Weighted Average: 601

[Top](#)

2. Range of Original LTV Ratios (%)

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Range of Original LTV Ratios (%)							
<= 30.00	18	1,567,002	0.49	7.875	348	24.84	614
30.01 - 40.00	36	3,812,476	1.19	7.550	347	35.84	599
40.01 - 50.00	46	4,947,470	1.54	7.868	347	44.93	612
50.01 - 60.00	125	19,016,267	5.92	7.875	354	56.36	592
60.01 - 70.00	295	42,473,307	13.22	8.069	351	66.48	587
70.01 - 80.00	702	110,932,811	34.53	8.292	354	76.26	584
80.01 - 90.00	731	138,118,366	42.99	7.926	356	86.61	619
90.01 - 100.00	3	410,041	0.13	7.368	340	92.33	590
Total:	1,956	321,277,739	100.00	8.062	354	77.05	601

Minimum: 13.59
Maximum: 94.19
Weighted Average: 77.05

[Top](#)

3. Documentation Level

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Documentation Level							
Stated Documentation	1,088	171,579,825	53.41	8.240	355	74.43	609
Limited Documentation	868	149,697,914	46.59	7.857	354	80.05	591
Total:	1,956	321,277,739	100.00	8.062	354	77.05	601

[Top](#)

4. Occupancy Type

Occupancy Type	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Owner Occupied	1,831	302,047,618	94.01	8.062	354	77.07	598
Non-Owner Occupied	98	15,421,399	4.80	8.064	352	76.62	642
Second Home	27	3,808,721	1.19	8.032	355	76.44	625
Total:	1,956	321,277,739	100.00	8.062	354	77.05	601

[Top](#)

5. Range of Cut-off Date Principal Balances (\$)

Range of Cut-off Date Principal Balances (\$)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
50,000.01 - 75,000.00	312	20,234,846	6.30	9.422	342	69.65	581
75,000.01 - 100,000.00	324	28,155,844	8.76	8.813	349	72.58	581
100,000.01 - 125,000.00	224	25,116,966	7.82	8.538	351	75.13	588
125,000.01 - 150,000.00	240	32,920,383	10.25	8.199	353	77.23	594
150,000.01 - 175,000.00	182	29,553,675	9.20	8.235	355	76.08	584
175,000.01 - 200,000.00	130	24,267,122	7.55	8.023	357	78.12	599
200,000.01 - 225,000.00	133	28,349,329	8.82	7.871	357	76.62	599
225,000.01 - 250,000.00	81	19,415,279	6.04	7.922	354	77.59	601
250,000.01 - 275,000.00	66	17,271,468	5.38	7.484	358	79.24	624
275,000.01 - 300,000.00	69	19,855,833	6.18	7.647	357	77.90	596
300,000.01 - 325,000.00	42	13,135,976	4.09	7.756	359	83.05	626
325,000.01 - 350,000.00	42	14,142,084	4.40	7.689	359	81.18	615
350,000.01 - 375,000.00	24	8,674,902	2.70	7.308	346	78.55	617
375,000.01 - 400,000.00	14	5,444,559	1.69	7.340	359	81.58	623
400,000.01 - 425,000.00	17	6,997,729	2.18	7.336	359	79.14	627
425,000.01 - 450,000.00	18	7,040,402	2.19	7.645	358	78.37	613
450,000.01 - 475,000.00	9	4,175,676	1.30	8.784	359	79.45	593
475,000.01 - 500,000.00	10	4,904,630	1.53	6.692	358	78.95	655
500,000.01 - 525,000.00	5	2,551,960	0.79	7.582	358	84.53	611
525,000.01 - 550,000.00	5	2,687,905	0.84	6.812	359	85.09	688
550,000.01 - 575,000.00	5	2,614,394	0.88	6.715	359	82.37	626
575,000.01 - 600,000.00	6	3,566,676	1.11	7.243	358	74.93	623
Total:	1,956	321,277,739	100.00	8.062	354	77.05	601

Minimum: 59,418
Maximum: 599,658
Average: 164,252

[Top](#)

4/26/2004 10:28

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed

MORGAN STANLEY
AMSI 2004-R4

Non-Primary Owner Occupied

Selection Criteria: Non-Primary Owner Occupied
Table of Contents

1. Range of Credit Scores
2. Range of Original LTV Ratios (%)
3. Documentation Level
4. Occupancy Type
5. Range of Cut-off Date Principal Balances (\$)

1. Range of Credit Scores

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Range of Credit Scores							
500 - 519	5	632,688	1.33	10.484	358	70.11	506
520 - 539	18	1,709,681	3.59	9.931	344	69.18	528
540 - 559	26	4,311,998	9.06	9.268	356	73.31	550
560 - 579	23	3,792,071	7.97	8.174	350	78.36	569
580 - 599	20	2,030,530	4.27	8.586	343	78.52	592
600 - 619	32	4,262,225	8.96	8.139	357	77.41	609
620 - 639	41	6,364,292	13.41	8.023	355	81.37	631
640 - 659	34	5,143,962	10.81	7.258	351	79.10	650
660 - 679	36	5,800,118	12.19	7.096	355	81.07	670
680 - 699	26	3,560,965	7.52	6.928	359	74.33	689
700 - 719	18	3,847,882	8.08	6.713	354	74.10	708
720 - 739	9	2,232,795	4.69	6.717	338	80.43	727
740 - 759	14	2,206,204	4.64	7.418	358	81.01	752
760 - 779	10	1,497,126	3.15	6.268	358	73.08	767
780 - 799	2	162,844	0.34	6.221	359	57.75	780
Total:	312	47,595,382	100.00	7.749	353	77.53	642
Minimum: 502							
Maximum: 781							
Weighted Average: 642							

Top

2. Range of Original LTV Ratios (%)

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Range of Original LTV Ratios (%)							
<= 30.00	1	59,890	0.13	8.500	357	28.30	627
30.01 - 40.00	2	180,639	0.34	8.731	358	37.86	690
40.01 - 50.00	8	970,131	2.04	7.316	335	47.58	646
50.01 - 60.00	24	3,721,867	7.82	7.423	354	55.27	645
60.01 - 70.00	45	7,530,980	16.03	7.309	347	66.83	633
70.01 - 80.00	78	11,202,902	23.54	8.223	355	76.36	631
80.01 - 90.00	150	22,885,648	48.08	7.732	355	86.27	646
90.01 - 100.00	4	963,324	2.02	7.913	359	94.33	726
Total:	312	47,595,382	100.00	7.749	353	77.53	642
Minimum: 28.30							
Maximum: 95.00							
Weighted Average: 77.53							

Top

3. Documentation Level

	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Documentation Level							
Full Documentation	187	28,365,261	59.60	7.539	353	78.18	644
Stated Documentation	74	10,379,311	21.81	8.120	350	72.83	646
Limited Documentation	51	8,850,810	18.60	7.985	355	80.99	630
Total:	312	47,595,382	100.00	7.749	353	77.53	642

Top

4. Occupancy Type

			% of Mortgage				
--	--	--	---------------	--	--	--	--

Occupancy Type	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Non-Owner Occupied	248	38,019,912	79.88	7.755	353	77.12	644
Second Home	86	9,575,470	20.12	7.723	351	79.18	635
Total:	312	47,595,382	100.00	7.749	353	77.53	642

[Top](#)

5. Range of Cut-off Date Principal Balances (\$)

Range of Cut-off Date Principal Balances (\$)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
50,000.01 - 75,000.00	73	4,724,873	9.93	8.918	338	78.02	626
75,000.01 - 100,000.00	44	3,755,521	7.89	8.236	353	78.87	643
100,000.01 - 125,000.00	39	4,455,206	9.36	7.695	341	75.74	626
125,000.01 - 150,000.00	42	5,716,356	12.01	7.501	354	81.94	653
150,000.01 - 175,000.00	20	3,221,333	6.77	7.660	359	77.56	628
175,000.01 - 200,000.00	26	4,850,781	10.19	7.538	359	78.41	640
200,000.01 - 225,000.00	15	3,232,709	6.79	7.969	359	77.03	644
225,000.01 - 250,000.00	13	3,106,341	6.53	7.884	345	74.70	624
250,000.01 - 275,000.00	6	1,602,424	3.37	6.938	358	81.46	659
275,000.01 - 300,000.00	6	1,710,258	3.59	7.857	359	77.44	618
300,000.01 - 325,000.00	6	1,927,847	4.05	7.958	359	81.90	611
325,000.01 - 350,000.00	6	2,050,453	4.31	6.888	359	75.25	643
350,000.01 - 375,000.00	3	1,080,631	2.27	7.165	359	83.85	684
375,000.01 - 400,000.00	3	1,181,822	2.48	6.892	357	76.03	700
400,000.01 - 425,000.00	4	1,648,413	3.46	7.100	359	78.00	698
450,000.01 - 475,000.00	1	454,563	0.96	6.550	359	54.82	663
525,000.01 - 550,000.00	1	528,848	1.11	11.950	359	85.00	558
550,000.01 - 575,000.00	1	574,470	1.21	8.400	359	89.84	667
575,000.01 - 600,000.00	3	1,776,503	3.73	6.934	359	74.83	690
Total:	312	47,595,382	100.00	7.749	353	77.53	642

Minimum: 59,731
Maximum: 599,596
Average: 152,549

[Top](#)

4/26/2004 10:32

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such P

**MORGAN STANLEY
AMSI 2004-R4**

Current Balance below \$100k

Selection Criteria: Current Balance below \$100k
Table of Contents

1. Range of Credit Scores
2. Range of Original LTV Ratios (%)
3. Documentation Level
4. Occupancy Type
5. Range of Cut-off Date Principal Balances (\$)

1. Range of Credit Scores

Range of Credit Scores	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
500 - 519	160	12,034,325	8.73	9.510	351	87.17	510
520 - 539	449	34,629,771	19.37	9.558	349	72.87	530
540 - 559	323	24,980,602	13.98	9.145	348	74.45	549
560 - 579	266	20,614,652	11.53	8.843	348	77.88	570
580 - 599	246	19,385,977	10.85	8.692	341	77.41	589
600 - 619	240	18,585,271	10.40	8.370	341	78.49	610
620 - 639	199	15,025,395	8.41	8.085	334	78.51	630
640 - 659	166	12,860,345	7.08	7.898	331	78.35	649
660 - 679	109	8,343,806	4.67	7.401	322	74.50	669
680 - 699	64	4,906,456	2.75	7.422	325	72.77	691
700 - 719	36	2,793,573	1.56	7.065	293	78.73	709
720 - 739	23	1,797,702	1.01	6.828	321	70.84	727
740 - 759	18	1,335,807	0.75	7.270	323	78.49	749
760 - 779	14	1,006,743	0.56	6.997	326	70.71	767
780 - 799	8	634,236	0.35	6.800	359	61.22	787
Total:	2,321	178,734,662	100.00	8.689	341	75.06	587

Minimum: 500
Maximum: 795
Weighted Average: 587

[Top](#)

2. Range of Original LTV Ratios (%)

Range of Original LTV Ratios (%)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
<= 30.00	38	2,848,003	1.59	7.863	327	22.95	618
30.01 - 40.00	45	3,367,991	1.88	7.892	333	35.55	590
40.01 - 50.00	64	4,721,529	2.64	8.204	315	45.21	602
50.01 - 60.00	162	12,136,219	6.79	8.535	336	56.81	577
60.01 - 70.00	324	24,142,679	13.51	8.717	343	66.27	580
70.01 - 80.00	879	67,310,091	37.66	8.899	339	76.41	574
80.01 - 90.00	788	62,499,844	34.97	8.622	347	86.81	600
90.01 - 100.00	21	1,708,307	0.96	7.835	354	93.37	673
Total:	2,321	178,734,662	100.00	8.689	341	75.06	587

Minimum: 12.40
Maximum: 95.00
Weighted Average: 75.06

[Top](#)

3. Documentation Level

Documentation Level	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Full Documentation	1,685	130,343,873	72.93	8.548	340	76.44	589
Stated Documentation	388	29,501,897	16.51	9.283	350	69.19	578
Limited Documentation	250	18,888,892	10.57	8.731	340	74.75	586
Total:	2,321	178,734,662	100.00	8.689	341	75.06	587

[Top](#)

4. Occupancy Type

		% of Mortgage				
--	--	---------------	--	--	--	--

Occupancy Type	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Owner Occupied	2,204	170,254,268	95.26	8.692	341	75.00	585
Non-Owner Occupied	90	6,487,518	3.63	8.535	347	75.87	637
Second Home	27	1,992,876	1.11	8.879	334	78.14	621
Total:	2,321	178,734,662	100.00	8.689	341	75.06	587

[Top](#)

5. Range of Cut-off Date Principal Balances (\$)

Range of Cut-off Date Principal Balances (\$)	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
50,000.01 - 75,000.00	1,103	72,236,671	40.42	9.009	334	72.77	588
75,000.01 - 100,000.00	1,218	106,497,991	59.58	8.472	346	76.62	587
Total:	2,321	178,734,662	100.00	8.689	341	75.06	587

Minimum: 58,131
Maximum: 99,953
Average: 77,008

[Top](#)

4/26/2004 10:37

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus.

MORGAN STANLEY

AMSI 2004-R4

All records

Selection Criteria: All records

Table of Contents

1. Top 10 City Concentrations

1. Top 10 City Concentrations

Top 10 City Concentrations	Number of Mortgage Loans	Aggregate Cut-off Date Principal Balance (\$)	% of Mortgage Pool by Aggregate Cut-off Date Principal Balance	Weighted Average Gross Interest Rate (%)	Weighted Average Remaining Term (Months)	Weighted Average Original LTV (%)	Weighted Average FICO Score
Los Angeles CA	81	17,688,719	1.77	7.328	358	71.58	595
Chicago IL	62	9,951,081	1.00	8.283	353	75.95	584
San Diego CA	36	9,854,718	0.99	7.345	358	75.68	613
Brooklyn NY	28	8,162,005	0.82	8.089	347	71.58	626
Miami FL	49	8,126,129	0.81	8.389	352	79.33	578
Denver CO	35	6,596,058	0.66	7.92	359	80.68	612
Tampa FL	55	6,083,787	0.61	7.989	358	79.94	587
Houston TX	61	6,082,153	0.61	8.428	356	76.29	581
Sacramento CA	34	6,063,375	0.61	7.601	353	78.30	601
Las Vegas NV	26	5,691,404	0.57	7.562	359	84.31	607
Other	5,990	915,698,603	91.57	7.835	352	78.88	600
Total:	6,457	1,000,000,030	100.00	7.834	352	78.67	599

[Top](#)

4/26/2004 10:46

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented.

TERM SHEET

\$ 243,441,000

(Approximate Offered Certificates)

**Asset-Backed Pass-Through Certificates
Series 2004-R4**

April 26, 2004

Ameriquest Mortgage Securities Inc.



AMERIQUEST[®]
MORTGAGE COMPANY

**Ameriquest Mortgage Securities Inc.
(Depositor)**

**Ameriquest Mortgage Company and Town and Country Credit
Corporation
(Originators)**

**Ameriquest Mortgage Company
(Master Servicer)**

All terms and statements are subject to change.

Morgan Stanley

Deutsche Bank



Merrill Lynch



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

TERM SHEET DATED April 26, 2004

Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

\$ 243,441,000

(Approximate Offered Certificates)

Subject to Revision

Class	Approximate Size (\$)	Type ^{1,2}	WAL (yrs) Call ³ / Mat ⁴	Principal Payment Window Call ³ / Mat ⁴	Pmt Delay (days)	Interest Accrual Basis	Stated Final Maturity	Expected Ratings S&P / M / F	Initial Credit Enhancement (%)
Offered Certificates									
A-1B	69,184,000	FLT/SENIOR	2.61/2.84	1-92 / 1-209	0	Actual/360	June 2034	AAA/Aaa/AAA	19.00%
A-4	22,757,000	FLT/SENIOR	6.66/7.86	55-92 / 55-209	0	Actual/360	June 2034	AAA/Aaa/AAA	19.00%
M-1	76,500,000	FLT/MEZZ	5.20/5.75	39-92 / 39-172	0	Actual/360	June 2034	AA/Aa2/AA	11.35%
M-2	44,000,000	FLT/MEZZ	5.15/5.63	38-92 / 38-152	0	Actual/360	June 2034	A/A2/A	6.95%
M-3	10,000,000	FLT/MEZZ	5.14/5.55	38-92 / 38-132	0	Actual/360	June 2034	A-/A3/A-	5.95%
M-5	10,000,000	FLT/MEZZ	5.13/5.39	37-92 / 37-117	0	Actual/360	June 2034	BBB/Baa2/BBB	3.70%
M-6	11,000,000	FLT/MEZZ	5.13/5.26	37-92 / 37-108	0	Actual/360	June 2034	BBB-/Baa3/BBB-	2.60%
Non-Offered									
A-1A	622,659,000	FLT/SENIOR	Not Offered		0	Actual/360		AAA/Aaa/AAA	19.00%
A-2	65,000,000	FLT/SENIOR	Not Offered		0	Actual/360	June 2034	AAA/Aaa/AAA	19.00%
A-3	30,400,000	FLT/SENIOR	Not Offered		0	Actual/360	June 2034	AAA/Aaa/AAA	19.00%
M-4	12,500,000	FLT/MEZZ	Not Offered		0	Actual/360		BBB+/Baa1/BBB+	4.70%
M-7	13,000,000	FLT/MEZZ	Not Offered		0	Actual/360		BB+/Ba2	1.30%
CE	13,000,000	N/A	Not Offered		N/A	N/A		N/R	N/A
P	100	N/A	Not Offered		N/A	N/A		N/R	N/A
R	N/A	N/A	Not Offered		N/A	N/A		N/R	N/A

- (1) The interest rate on each of the certificates is subject to the related Net WAC Rate Cap.
- (2) The Certificates will accrue interest at a rate not greater than the Maximum Cap Rate.
- (3) To 10% Optional Termination at the pricing speed.
- (4) To maturity at the pricing speed.

Pricing Speed ("PPC")

Fixed-Rate Mortgage Loans	2% CPR growing to 20% CPR over 10 months
Adjustable-Rate Mortgage Loans	27% CPR

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Part I: Key Terms

Parties:

Depositor:	Ameriquest Mortgage Securities Inc.
Originators:	Ameriquest Mortgage Company and Town and Country Credit Corporation.
Master Servicer:	Ameriquest Mortgage Company.
Trustee:	Deutsche Bank National Trust Company.
Mortgage Insurance Provider:	None
Certificate Insurer:	None
Co-Lead Underwriters:	Morgan Stanley & Co. Incorporated, Deutsche Bank Securities Inc. and Merrill Lynch, Pierce, Fenner & Smith Incorporated
Co-Managers:	Banc of America Securities LLC, and J.P. Morgan Securities Inc.

Collateral

Mortgage Loans: As of the Collateral Selection Date, 6,457 adjustable-rate and fixed-rate, first-lien, closed-end, subprime mortgage loans with LTVs at origination not in excess of 95% and an aggregate scheduled principal balance as of the Cut-off Date of approximately \$1,000,000,030. References to percentages or balances herein are with respect to the Collateral Selection Date Mortgage Loans and are based on the aggregate scheduled principal balance of such mortgage loans on the Cut-off Date. For the purpose of calculating interest and principal on the Class A Certificates, the Mortgage Loans have been divided into two loan groups, designated as follows:

Group I Mortgage Loans: 6,078 Adjustable-Rate and Fixed-Rate Mortgage Loans as of the Collateral Selection Date with an aggregate scheduled principal balance as of the Cut-off Date of approximately \$854,127,786 with principal balances at origination that conform to principal balance limits of Fannie Mae and Freddie Mac.

Group II Mortgage Loans: 379 Adjustable-Rate and Fixed-Rate Mortgage Loans as of the Collateral Selection Date with an aggregate scheduled principal balance as of the Cut-off Date of approximately \$145,872,244 with principal balances at origination that may or may not conform to principal balance limits of Fannie Mae and Freddie Mac.

Up to 10% of the Mortgage Loans identified on the Collateral Selection Date may be deleted and other Mortgage Loans will be included in the pool of Mortgage Loans delivered on the Closing Date. Notwithstanding any such additions or deletions, the characteristics of the pool of Mortgage Loans delivered on the Closing Date are not expected to differ materially from the characteristics of the Mortgage Loans identified on the Collateral Selection Date and described herein, although the range of mortgage rates and maturities and certain other characteristics of the Mortgage Loans set forth in Part IV will vary.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Dates:

Cut-off Date: The close of business on May 1, 2004.

Collateral Selection Date: April 1, 2004.

Distribution Dates: The 25th day of each month or, if the 25th day is not a business day, the next business day, beginning in June, 2004.

Record Date: Adjustable-Rate Certificates: the close of business on the business day immediately preceding the Distribution Date.
Retained Certificates: the close of business on the last business day of the month preceding the month in which the Distribution Date occurs.

Expected Pricing Date: The week of April 26, 2004.

Expected Closing Date: On or about May 5, 2004.

Designations:

Certificates: Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4.

Adjustable-Rate Certificates: Class A Certificates and Class M Certificates.

Class A Certificates: Class A-1A, Class A-1B, Class A-2, Class A-3 and Class A-4 Certificates.

Class M Certificates: Class M-1, Class M-2, Class M-3, Class M-4, Class M-5, Class M-6 and Class M-7 Certificates.

Offered Certificates: Class A-1B, Class A-4 and Class M Certificates (other than Class M-4 and Class M-7).

Non-Offered Certificates: Class A-1A, Class A-2, Class A-3, Class M-4, Class M-7, Class CE, Class P and Class R Certificates.

Retained Certificates: Class CE, Class P and Class R Certificates.

Group I Certificates: Class A-1A and Class A-1B Certificates, which evidence interests in the Group I Mortgage Loans.

Group II Certificates: Class A-2, Class A-3 and Class A-4 Certificates, which evidence interests in the Group II Mortgage Loans.

Other Terms:

Source for Calculation of One-Month LIBOR: Telerate page 3750.

ERISA: Subject to the considerations in the prospectus supplement, the Offered Certificates are expected to be ERISA eligible as of the Closing Date. However, investors should consult with their counsel with respect to the consequences under ERISA and the Internal Revenue Code of an ERISA Plan's acquisition and ownership of such Certificates.

SMMEA Eligibility: Class A and Class M-1 Certificates.

Federal Taxation: The Trust will be established as one or more REMICs for federal income tax purposes.

Form of Registration: Book-entry form through DTC, Clearstream and Euroclear.

Minimum Denominations: \$25,000 and integral multiples of \$1 in excess thereof.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Part II: Definitions/Description of the Certificates

Determination Date:	The 10th day of the month or, if such day is not a business day, the business day immediately preceding such 10th day.
Due Period:	For each Distribution Date, the period from the second day of the immediately preceding month to the first day of the month in which such Distribution Date occurs.
Prepayment Period:	For the first Distribution Date, the Cut-off Date to and including the initial Determination Date, and for all other Distribution Dates, the day after the prior Determination Date to and including the Determination Date in the month in which such Distribution Date occurs.
Interest Accrual Basis:	For any Distribution Date will be Actual/360. The Adjustable-Rate Certificates will settle flat and will have no payment delay.
Administrative Fee Rate:	The sum of (a) the Servicing Fee Rate (0.50% per annum) and (b) the Trustee Fee Rate (0.0022% per annum).
Expense Adjusted Net Mortgage Rate:	The mortgage rate of each Mortgage Loan minus the Administrative Fee Rate.
Expense Adjusted Net Maximum Mortgage Rate:	The per annum rate equal to the applicable maximum mortgage rate (or the mortgage rate for such Mortgage Loan in the case of the fixed-rate Mortgage Loans) of each Mortgage Loan minus the Administrative Fee Rate.
Optional Termination:	The Master Servicer and the NIMs Insurer, if any, in that order, may purchase all of the Mortgage Loans and REO properties and retire the Certificates on or after the Optional Termination Date.
Optional Termination Date:	The first Distribution Date on which the aggregate principal balance of the Mortgage Loans is less than 10% of the aggregate principal balance of the Mortgage Loans as of the Cut-off Date.
Credit Enhancement:	Excess Interest. Overcollateralization ("OC"). Subordination.
Initial Overcollateralization Target Percentage:	Approximately 1.30%.
Overcollateralization Floor:	The aggregate principal balance of the Mortgage Loans as of the Cut-off Date multiplied by 0.50%.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Overcollateralization Target Amount:

For any Distribution Date, (i) prior to the Stepdown Date, an amount equal to the Initial Overcollateralization Target Percentage of the aggregate principal balance of the Mortgage Loans as of the Cut-off Date, (ii) on or after the Stepdown Date, provided a Trigger Event is not in effect, the greater of (x) 2x the Initial Overcollateralization Target Percentage of the then current aggregate outstanding principal balance of the Mortgage Loans as of the last day of the related Due Period after giving effect to scheduled payments of principal due during the related Due Period, to the extent received or advanced, and unscheduled collections of principal received during the related Prepayment Period and (y) the Overcollateralization Floor or (iii) on or after the Stepdown Date and if a Trigger Event is in effect, the Overcollateralization Target Amount for the immediately preceding Distribution Date.

Stepdown Date:

The earlier of (i) the first Distribution Date on which the aggregate Certificate Principal Balance of the Class A Certificates has been reduced to zero and (ii) the later of (A) the 37th Distribution Date and (B) the date that the Credit Enhancement Percentage for the Class A Certificates is greater than or equal to 2x the Class A initial Credit Enhancement Percentage.

Credit Enhancement Percentage:

The percentage obtained by dividing (x) the aggregate Certificate Principal Balance of each class of Certificates with a lower distribution priority by (y) the aggregate principal balance of the Mortgage Loans.

		Target CE% On/After Stepdown
Class	Initial CE%	Date
A	19.00%	2x Initial CE%
M-1	11.35%	2x Initial CE%
M-2	6.95%	2x Initial CE%
M-3	5.95%	2x Initial CE%
M-4	4.70%	2x Initial CE%
M-5	3.70%	2x Initial CE%
M-6	2.60%	2x Initial CE%
M-7	1.30%	2x Initial CE%

Overcollateralization Reduction Amount:

For any Distribution Date, the lesser of (A) the principal remittance amount on such Distribution Date and (B) the excess, if any, of (i) the Overcollateralized Amount for such Distribution Date (calculated for this purpose only after assuming that 100% of the principal remittance amount on such Distribution Date has been distributed) over (ii) the Overcollateralization Target Amount for such Distribution Date.

Overcollateralized Amount:

For any Distribution Date will be the excess, if any, of (a) the sum of the aggregate principal balance of the Mortgage Loans as of the last day of the related Due Period (after giving effect to scheduled payments received or advanced on or before the related Determination Date and principal prepayments received during the related Prepayment Period) over (b) the sum of the aggregate Certificate Principal Balances of the Offered Certificates, and the Non-Offered Certificates, after giving effect to distributions to be made on such Distribution Date.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Net Monthly Excess Cashflow:

For any Distribution Date, the sum of (x) any Overcollateralization Reduction Amount and (y) the excess of the Available Funds over the sum of (i) the monthly interest accrued and any unpaid interest on the Class A Certificates and the monthly interest accrued on the Class M Certificates and (ii) the principal remittance amount.

Allocation of Losses:

Any Realized Losses on the Mortgage Loans on any Distribution Date will first be absorbed by the Class CE Certificates. If on any Distribution Date as a result of Realized Losses on the Mortgage Loans, the aggregate certificate principal balance of the Class A and Class M Certificates exceeds the aggregate principal balance of the Mortgage Loans as of the last day of the related Due Period, such excess (the "Realized Loss Amount") will be allocated in the following order: Class M-7, Class M-6, Class M-5, Class M-4, Class M-3, Class M-2, Class M-1 and with respect to any Realized Losses on the Group I Mortgage Loans, to the Class A-1B Certificates. There will be no allocation of Realized Losses on the Mortgage Loans to the Class A Certificates (other than the Class A-1B Certificates) or the Class P Certificates. Investors in the Class A Certificates (other than the Class A-1B Certificates) or the Class P Certificates should note, however, that although Realized Losses cannot be allocated to such Certificates, under certain loss scenarios there may not be enough principal and interest on the Mortgage Loans to distribute to the holders of such Certificates all principal and interest amounts to which they are then entitled. Once Realized Losses are allocated to the Class M and the Class A-1B Certificates, such amounts with respect to such Certificates will no longer accrue interest. However, the amount of any Realized Losses allocated to the Class M and the Class A-1B Certificates may be distributed to the holders of those Certificates from Net Monthly Excess Cashflow, sequentially, as described in the Pooling and Servicing Agreement.

Net WAC Rate Cap:

Class A Certificates: The per annum rate equal to the weighted average of the Expense Adjusted Net Mortgage Rates of the Mortgage Loans in the related loan group (subject to adjustment based on the actual number of days elapsed in the related Interest Accrual Period).

Class M Certificates: The per annum rate equal to the weighted average (weighted in proportion to the results of subtracting from the aggregate principal balance of each loan group the current principal balance of the related Class A Certificates), of (i) the weighted average of the Expense Adjusted Net Mortgage Rates of the Group I Mortgage Loans and (ii) the weighted average of the Expense Adjusted Net Mortgage Rates of the Group II Mortgage Loans (subject to adjustment based on the actual number of days elapsed in the related Interest Accrual Period).

Pass-Through Rate:

For any Distribution Date, the lesser of (x) the related Formula Rate for such Distribution Date and (y) the related Net WAC Rate Cap for such Distribution Date.

Formula Rate:

For any Distribution Date and any class of Adjustable-Rate Certificates, the lesser of (i) LIBOR plus the applicable certificate margin and (ii) the related Maximum Cap Rate.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Maximum Cap Rate:

The Maximum Cap Rate for any Distribution Date and each class of Adjustable-Rate Certificates is calculated in the same manner as the related Net WAC Rate Cap, but based on the Expense Adjusted Net Maximum Mortgage Rates of the applicable Mortgage Loans rather than the Expense Adjusted Net Mortgage Rates of the applicable Mortgage Loans, plus the excess, if any, of the then applicable maximum rate set forth in the related Interest Rate Corridor over the then applicable strike rate set forth in such Interest Rate Corridor (such excess to be adjusted for the mismatch, if any, between the applicable notional balance and the principal balance of the applicable Certificates for such Distribution Date).

Coupon Step-up:

After the Optional Termination Date, if the Master Servicer (or NIMs Insurer, if any) fails to exercise its right to terminate the Trust, the certificate margins on any then outstanding Certificates will increase according to the following:

<u>Class</u>	<u>After Optional Termination</u>
Class A Certificates	2 x Applicable Margin
Class M Certificates	1.5 x Applicable Margin

Net WAC Rate Carryover Amount:

For any Distribution Date, (i) the excess of (a) the amount of interest a class of Certificates would have accrued for such Distribution Date had the applicable Pass-Through Rate not been subject to the Net WAC Rate Cap, over (b) the amount of interest such class of Certificates accrued for such Distribution Date based on the Net WAC Rate Cap, together with the unpaid portion of any such amounts from the prior Distribution Date and (ii) accrued interest thereon at the then applicable Pass-Through Rate, without giving effect to the Net WAC Rate Cap. The Net WAC Rate Carryover Amount will be paid from Net Monthly Excess Cashflow on a subordinated basis on the same Distribution Date or in any subsequent period. The ratings on each class of Certificates do not address the likelihood of the payment of any Net WAC Rate Carryover Amount.

Offered/Non Offered Certificates Interest Rate Corridors:

The following Certificates will have the benefit of an Interest Rate Corridor as specified below:

<u>Class</u>	<u>Number of Months</u>	<u>Beginning Distribution Date</u>
A-1B	22	July 2004
Group II Certificates	28	July 2004
M	27	July 2004

Interest Carry Forward Amount:

For each class of Class A and Class M Certificates, on any Distribution Date, the sum of (i) the excess of (a) the accrued certificate interest for such class with respect to the prior Distribution Date (excluding any Net WAC Rate Carryover Amount with respect to such class), plus any unpaid Interest Carry Forward Amount from the prior Distribution Date, over (b) the amount actually distributed to such class with respect to interest on such prior Distribution Date and (ii) interest on such excess at the Pass-Through Rate for such class.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Available Funds:

For any Distribution Date, the sum, net of amounts reimbursable therefrom to the Master Servicer or the Trustee, of (i) the aggregate amount of scheduled monthly payments on the Mortgage Loans due during the related Due Period and received on or prior to the related Determination Date; (ii) unscheduled payments in respect of the Mortgage Loans (including prepayments, insurance proceeds, liquidation proceeds, subsequent recoveries and proceeds from repurchases of and substitutions for the Mortgage Loans occurring during the related Prepayment Period or proceeds from the repurchase of the Mortgage Loans due to the Optional Termination of the Trust); (iii) all Master Servicer Advances with respect to the Mortgage Loans received for such Distribution Date and (iv) all compensating interest paid by the Master Servicer in respect of prepayment interest shortfalls for the related period.

Class A Principal Distribution Amount:

Prior to the Stepdown Date, or if a Trigger Event is in effect, each of the Class A Certificates will receive the principal collected on the related Mortgage Loans plus any Net Monthly Excess Cashflow required to maintain the Overcollateralization Target Amount until the aggregate Certificate Principal Balance of the Class A Certificates has been reduced to zero. On or after the Stepdown Date, if no Trigger Event is in effect, principal paid on the Class A Certificates will be an amount such that each of the Class A Certificates will maintain 2x the Class A Initial Credit Enhancement Percentage as set forth in the Credit Enhancement Percentage table included herein.

Principal distributions on the Group I Certificates will be allocated *pro rata*. Principal distributions on the Group II Certificates will be allocated sequentially.

Notwithstanding the foregoing, if the Certificate Principal Balance of any class of Group I or Group II Certificates is reduced to zero, then the amount of principal distributions from the related loan group on subsequent Distribution Dates will be distributed to the Class A Certificates remaining outstanding, to the extent necessary to provide all required principal distributions to such Certificates.

Class M Principal Distribution Amount:

The Class M Certificates will not receive any principal payments prior to the Stepdown Date. On or after the Stepdown Date (if no Trigger Event is in effect), principal will be paid on the Class M Certificates in the following order: to the Class M-1 Certificates until it reaches 2x the Class M-1 Initial Credit Enhancement Percentage, then to the Class M-2 Certificates until it reaches 2x the Class M-2 Initial Credit Enhancement Percentage, then to the Class M-3 Certificates until it reaches 2x the Class M-3 Initial Credit Enhancement Percentage, then to the Class M-4 Certificates until it reaches 2x the Class M-4 Initial Credit Enhancement Percentage, then to the Class M-5 Certificates until it reaches 2x the Class M-5 Initial Credit Enhancement Percentage, then to the Class M-6 Certificates until it reaches 2x the Class M-6 Initial Credit Enhancement Percentage and then to the Class M-7 Certificates until it reaches 2x the Class M-7 Initial Credit Enhancement Percentage, in each case, as set forth in the Credit Enhancement Percentage table included herein.

If a Trigger Event is in effect, principal payments will be paid sequentially first to the Class A Certificates and then to the Class M Certificates in their order of seniority until the Certificate Principal Balance of each such class is reduced to zero.

Trigger Event:

If either the Delinquency Trigger Event or Cumulative Loss Test is violated.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Delinquency Trigger Event:

The percentage obtained by dividing (x) the aggregate Stated Principal Balance of (i) Mortgage Loans Delinquent 60 days or more, (ii) REO Properties and (iii) Mortgage Loans in foreclosure and in bankruptcy by (y) the aggregate Stated Principal Balance of the Mortgage Loans, in each case, calculated prior to taking into account payments of principal on the Mortgage Loans due on the related Due Date or received during the related Prepayment Period, exceeds a percentage (as specified in the Pooling and Servicing Agreement) of the Credit Enhancement Percentage for the most senior class of certificates then outstanding. In the case of the Class A Certificates, the percentage will be 38.00%.

Cumulative Loss Test:

The aggregate amount of Realized Losses incurred since the Cut-off Date through the last day of the related Due Period divided by the aggregate principal balance of the Mortgage Loans as of the Cut-off Date exceeds the approximate applicable percentages set forth below with respect to such Distribution Date:

<u>Distribution Date Occurring In</u>	<u>Percentage</u>
June 2007 through May 2008	[2.50%]
June 2008 through May 2009	[4.00%]
June 2009 through May 2010	[5.00%]
June 2010 and thereafter	[5.75%]

Payment Priority:

On each Distribution Date, Available Funds from the Mortgage Loans will be distributed as follows:

To pay interest on the Class A Certificates *pro rata*, including any accrued unpaid interest from a prior Distribution Date and then to pay interest excluding any accrued unpaid interest from prior Distribution Dates to the Class M Certificates, sequentially.

To pay principal on the Class A and Class M Certificates, in accordance with the principal payment provisions described above.

From Net Monthly Excess Cashflow, if any, to the Certificates then entitled to receive distributions in respect of principal an additional payment of principal in order to reduce the Certificate Principal Balance of the Certificates to the extent necessary to maintain the required Overcollateralization Target Amount.

From Net Monthly Excess Cashflow, if any, to pay Interest Carry Forward Amounts to the Class M Certificates, sequentially.

From Net Monthly Excess Cashflow, if any, to pay any Realized Loss Amounts allocated to the Class A-1B Certificates.

From Net Monthly Excess Cashflow, if any, to pay any Realized Loss Amounts allocated to the Class M Certificates, sequentially.

From Net Monthly Excess Cashflow, if any, to pay the Net WAC Rate Carryover Amount on the Class A and Class M Certificates in the same order of priority as described above, after taking into account any amounts received under the Interest Rate Corridors (See attached Schedules).

To pay any remaining amount to the Class CE and Class R Certificates in accordance with the Pooling and Servicing Agreement.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Part III: Relevant Bond Analytics

Interest Rate Corridor Schedule For Class A-1B Certificates

Period	Class A-1B Notional Schedule (\$)	Cap Strike%	Cap Ceiling%
1	69,184,000.00	N/A	N/A
2	67,270,842.02	7.04	8.12
3	65,375,930.68	6.80	8.12
4	63,498,038.05	6.80	8.12
5	61,636,115.76	7.03	8.12
6	59,789,300.29	6.79	8.12
7	57,956,984.09	7.03	8.12
8	56,138,752.35	6.79	8.12
9	54,334,658.85	6.79	8.12
10	52,567,555.84	7.56	8.12
11	50,844,914.27	6.79	8.12
12	49,165,608.82	7.03	8.12
13	47,528,542.79	6.79	8.12
14	45,932,647.39	7.03	8.12
15	44,376,881.03	6.79	8.12
16	42,860,228.62	6.79	8.12
17	41,381,700.89	7.03	8.12
18	39,940,333.73	6.79	8.12
19	38,535,187.56	7.03	8.12
20	37,165,346.68	6.79	8.12
21	35,829,918.67	6.79	8.12
22	34,528,033.81	7.56	8.12
23	33,258,844.48	7.33	8.12

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Interest Rate Corridor Schedule For Group II Certificates

Period	Group II Notional Schedule (\$)	Cap Strike%	Cap Ceiling%
1	118,157,000.00	N/A	N/A
2	114,873,718.59	6.53	8.20
3	111,621,972.54	6.31	8.20
4	108,399,687.37	6.31	8.20
5	105,205,096.83	6.53	8.20
6	102,037,088.36	6.30	8.20
7	98,895,504.54	6.52	8.20
8	95,779,481.43	6.30	8.20
9	92,688,467.82	6.30	8.20
10	89,667,234.43	7.01	8.20
11	86,722,197.90	6.30	8.20
12	83,851,425.17	6.52	8.20
13	81,053,032.46	6.30	8.20
14	78,325,184.06	6.52	8.20
15	75,666,091.04	6.30	8.20
16	73,074,010.10	6.30	8.20
17	70,547,242.37	6.52	8.20
18	68,084,132.30	6.30	8.20
19	65,683,066.50	6.52	8.20
20	63,342,472.73	6.30	8.20
21	61,060,818.79	6.30	8.20
22	58,836,611.54	7.01	8.20
23	56,668,395.85	6.43	8.20
24	54,554,843.31	8.04	8.20
25	52,495,331.17	7.77	8.20
26	50,487,616.31	8.03	8.20
27	48,530,388.08	7.76	8.20
28	46,622,369.17	7.76	8.20
29	44,762,314.76	8.09	8.20

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Interest Rate Corridor Schedule For Class M Certificates

Period	Class M Notional Schedule (\$)	Cap Strike%	Cap Ceiling%
1	177,000,000.00	N/A	N/A
2	177,000,000.00	6.08	7.50
3	177,000,000.00	5.84	7.50
4	177,000,000.00	5.84	7.50
5	177,000,000.00	6.08	7.50
6	177,000,000.00	5.84	7.50
7	177,000,000.00	6.08	7.50
8	177,000,000.00	5.84	7.50
9	177,000,000.00	5.84	7.50
10	177,000,000.00	6.60	7.50
11	177,000,000.00	5.84	7.50
12	177,000,000.00	6.08	7.50
13	177,000,000.00	5.84	7.50
14	177,000,000.00	6.07	7.50
15	177,000,000.00	5.84	7.50
16	177,000,000.00	5.84	7.50
17	177,000,000.00	6.07	7.50
18	177,000,000.00	5.84	7.50
19	177,000,000.00	6.07	7.50
20	177,000,000.00	5.84	7.50
21	177,000,000.00	5.84	7.50
22	177,000,000.00	6.59	7.50
23	177,000,000.00	6.31	7.50
24	177,000,000.00	7.50	7.50
25	177,000,000.00	7.31	7.50
26	177,000,000.00	7.50	7.50
27	177,000,000.00	7.30	7.50
28	177,000,000.00	7.30	7.50

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd, representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Sensitivity Analysis - To Optional Termination Date							
FIXED ARM		0% PPC	50% PPC	75% PPC	100% PPC	125% PPC	150% PPC
		0.00% CPR	13.50% CPR	20.25% CPR	27.00% CPR	33.75% CPR	40.50% CPR
A-1B	Average Life (yrs)	18.44	5.18	3.54	2.61	1.97	1.47
	First Principal Period	1	1	1	1	1	1
	Last Principal Period	342	179	124	92	72	58
	Prin Pmt Window (mos)	342	179	124	92	72	58
A-4	Average Life (yrs)	27.99	13.02	8.96	6.66	5.01	3.32
	First Principal Period	317	111	75	55	33	27
	Last Principal Period	342	179	124	92	72	58
	Prin Pmt Window (mos)	26	69	50	38	40	32
M-1	Average Life (yrs)	26.09	9.95	6.80	5.20	4.57	4.58
	First Principal Period	261	57	38	39	42	46
	Last Principal Period	342	179	124	92	72	58
	Prin Pmt Window (mos)	82	123	87	54	31	13
M-2	Average Life (yrs)	26.09	9.95	6.80	5.15	4.35	4.02
	First Principal Period	261	57	38	38	40	41
	Last Principal Period	342	179	124	92	72	58
	Prin Pmt Window (mos)	82	123	87	55	33	18
M-3	Average Life (yrs)	26.09	9.95	6.80	5.14	4.29	3.88
	First Principal Period	261	57	38	38	39	41
	Last Principal Period	342	179	124	92	72	58
	Prin Pmt Window (mos)	82	123	87	55	34	18
M-5	Average Life (yrs)	26.09	9.95	6.80	5.13	4.25	3.78
	First Principal Period	261	57	38	37	38	39
	Last Principal Period	342	179	124	92	72	58
	Prin Pmt Window (mos)	82	123	87	56	35	20
M-6	Average Life (yrs)	26.09	9.95	6.80	5.13	4.25	3.75
	First Principal Period	261	57	38	37	38	38
	Last Principal Period	342	179	124	92	72	58
	Prin Pmt Window (mos)	82	123	87	56	35	21

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Sensitivity Analysis - To Maturity							
FIXED		0% PPC	50% PPC	75% PPC	100% PPC	125% PPC	150% PPC
ARM		0.00% CPR	13.50% CPR	20.25% CPR	27.00% CPR	33.75% CPR	40.50% CPR
A-1B	Average Life (yrs)	18.49	5.53	3.83	2.84	2.16	1.62
	First Principal Period	1	1	1	1	1	1
	Last Principal Period	357	327	266	209	166	136
	Prin Pmt Window (mos)	357	327	266	209	166	136
A-4	Average Life (yrs)	28.31	14.85	10.48	7.86	5.96	4.08
	First Principal Period	317	111	75	55	33	27
	Last Principal Period	359	328	267	209	167	136
	Prin Pmt Window (mos)	43	218	193	155	135	110
M-1	Average Life (yrs)	26.22	10.81	7.50	5.75	5.00	5.00
	First Principal Period	261	57	38	39	42	46
	Last Principal Period	357	296	224	172	136	110
	Prin Pmt Window (mos)	97	240	187	134	95	65
M-2	Average Life (yrs)	26.21	10.71	7.41	5.63	4.73	4.33
	First Principal Period	261	57	38	38	40	41
	Last Principal Period	354	271	200	152	119	97
	Prin Pmt Window (mos)	94	215	163	115	80	57
M-3	Average Life (yrs)	26.20	10.61	7.32	5.55	4.61	4.14
	First Principal Period	261	57	38	38	39	41
	Last Principal Period	352	244	176	132	104	84
	Prin Pmt Window (mos)	92	188	139	95	66	44
M-5	Average Life (yrs)	26.17	10.39	7.14	5.39	4.46	3.96
	First Principal Period	261	57	38	37	38	39
	Last Principal Period	349	221	156	117	92	74
	Prin Pmt Window (mos)	89	165	119	81	55	36
M-6	Average Life (yrs)	26.14	10.17	6.97	5.26	4.35	3.84
	First Principal Period	261	57	38	37	38	38
	Last Principal Period	347	205	144	108	84	68
	Prin Pmt Window (mos)	87	149	107	72	47	31

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Net WAC Cap and Effective Maximum Rate for Class A-1B Certificates

Period	NWC(1) (%)	Max Rate (2, 3) (%)	Period	NWC(1) (%)	Max Rate (2, 3) (%)	Period	NWC(1) (%)	Max Rate (2, 3) (%)
1	-	-	34	7.94	10.34	67	7.39	11.63
2	7.42	8.50	35	7.17	9.60	68	7.15	11.24
3	7.18	8.50	36	7.41	10.39	69	7.15	11.23
4	7.18	8.50	37	7.17	10.05	70	7.92	12.43
5	7.41	8.50	38	7.40	10.38	71	7.15	11.22
6	7.17	8.50	39	7.17	10.04	72	7.39	11.58
7	7.41	8.50	40	7.17	10.03	73	7.15	11.20
8	7.17	8.50	41	7.40	10.63	74	7.39	11.57
9	7.17	8.50	42	7.16	10.73	75	7.15	11.19
10	7.94	8.50	43	7.40	11.08	76	7.15	11.18
11	7.17	8.50	44	7.16	10.72	77	7.39	11.54
12	7.41	8.50	45	7.16	10.71	78	7.15	11.16
13	7.17	8.50	46	7.66	11.45	79	7.39	11.52
14	7.41	8.50	47	7.16	10.96	80	7.15	11.14
15	7.17	8.50	48	7.40	11.78	81	7.15	11.14
16	7.17	8.50	49	7.16	11.39	82	7.91	12.32
17	7.41	8.50	50	7.40	11.76	83	7.15	11.12
18	7.17	8.50	51	7.16	11.38	84	7.39	11.48
19	7.41	8.50	52	7.16	11.37	85	7.15	11.10
20	7.17	8.50	53	7.40	11.74	86	7.38	11.47
21	7.17	8.50	54	7.16	11.35	87	7.15	11.09
22	7.94	8.50	55	7.40	11.72	88	7.15	11.08
23	7.17	8.50	56	7.16	11.34	89	7.38	11.44
24	7.41	8.93	57	7.16	11.33	90	7.14	11.06
25	7.17	8.64	58	7.92	12.54	91	7.38	11.42
26	7.41	8.92	59	7.16	11.31	92	7.14	11.05
27	7.17	8.63	60	7.40	11.68			
28	7.17	8.63	61	7.16	11.30			
29	7.41	9.19	62	7.39	11.67			
30	7.17	9.35	63	7.16	11.28			
31	7.41	9.66	64	7.16	11.27			
32	7.17	9.35	65	7.39	11.64			
33	7.17	9.34	66	7.15	11.26			

- (1) Assumes 1mLIBOR and 6mLIBOR stays at 1.10% and 1.33% respectively and the cashflows are run to the Optional Termination at the pricing speed.
(2) Assumes 1mLIBOR and 6mLIBOR increase instantaneously to 20.00% and the cashflows are run to the Optional Termination at the pricing speed.
(3) Calculated as (a) the Net WAC Cap plus (b) the result of proceeds from the related Interest Rate Corridor divided by the beginning period balances of the related certificates, annualized based on the actual number of days in the accrual period.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide. In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Net WAC Cap and Effective Maximum Rate for the Group II Certificates

Period	NWC(1) (%)	Max Rate (2, 3) (%)	Period	NWC(1) (%)	Max Rate (2, 3) (%)	Period	NWC(1) (%)	Max Rate (2, 3) (%)
1	-	-	34	7.37	9.71	67	6.86	11.03
2	6.83	8.50	35	6.66	8.83	68	6.64	10.67
3	6.61	8.50	36	6.88	9.80	69	6.64	10.66
4	6.61	8.50	37	6.66	9.48	70	7.35	11.79
5	6.83	8.50	38	6.88	9.79	71	6.64	10.64
6	6.60	8.50	39	6.66	9.46	72	6.86	10.99
7	6.82	8.50	40	6.66	9.46	73	6.64	10.62
8	6.60	8.50	41	6.88	9.83	74	6.86	10.97
9	6.60	8.50	42	6.65	10.16	75	6.64	10.61
10	7.31	8.50	43	6.88	10.49	76	6.64	10.60
11	6.60	8.50	44	6.65	10.15	77	6.86	10.94
12	6.82	8.50	45	6.65	10.14	78	6.63	10.58
13	6.60	8.50	46	7.11	10.83	79	6.85	10.93
14	6.82	8.50	47	6.65	10.19	80	6.63	10.57
15	6.60	8.50	48	6.87	11.19	81	6.63	10.56
16	6.60	8.50	49	6.65	10.82	82	7.34	11.68
17	6.82	8.50	50	6.87	11.17	83	6.63	10.54
18	6.60	8.50	51	6.65	10.80	84	6.85	10.88
19	6.82	8.50	52	6.65	10.80	85	6.63	10.52
20	6.60	8.50	53	6.87	11.15	86	6.85	10.87
21	6.60	8.50	54	6.65	10.78	87	6.63	10.51
22	7.31	8.50	55	6.87	11.13	88	6.63	10.50
23	6.60	8.50	56	6.65	10.76	89	6.85	10.84
24	6.89	8.50	57	6.65	10.76	90	6.63	10.48
25	6.66	8.50	58	7.36	11.90	91	6.85	10.82
26	6.88	8.50	59	6.64	10.74	92	6.63	10.46
27	6.66	8.50	60	6.87	11.09			
28	6.66	8.50	61	6.64	10.72			
29	6.88	8.50	62	6.86	11.07			
30	6.66	8.78	63	6.64	10.71			
31	6.88	9.07	64	6.64	10.70			
32	6.66	8.78	65	6.86	11.05			
33	6.66	8.77	66	6.64	10.68			

- (1) Assumes 1mLIBOR and 6mLIBOR stays at 1.10% and 1.33% respectively and the cashflows are run to the Optional Termination at the pricing speed.
(2) Assumes 1mLIBOR and 6mLIBOR increase instantaneously to 20.00% and the cashflows are run to the Optional Termination at the pricing speed.
(3) Calculated as (a) the Net WAC Cap plus (b) the result of proceeds from the related Interest Rate Corridor divided by the beginning period balances of the related certificates, annualized based on the actual number of days in the accrual period.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Net WAC Cap and Effective Maximum Rate for Class M Certificates

Period	NWC(1) (%)	Max Rate (2, 3) (%)	Period	NWC(1) (%)	Max Rate (2, 3) (%)	Period	NWC(1) (%)	Max Rate (2, 3) (%)
1	-	-	34	7.85	10.25	67	7.32	11.54
2	7.33	8.75	35	7.09	9.48	68	7.08	11.16
3	7.09	8.75	36	7.33	10.30	69	7.08	11.15
4	7.09	8.75	37	7.09	9.96	70	7.84	12.34
5	7.33	8.75	38	7.33	10.29	71	7.08	11.13
6	7.09	8.75	39	7.09	9.95	72	7.31	11.50
7	7.33	8.75	40	7.09	9.95	73	7.08	11.12
8	7.09	8.75	41	7.33	10.51	74	7.31	11.48
9	7.09	8.75	42	7.09	10.65	75	7.08	11.10
10	7.85	8.75	43	7.33	11.00	76	7.08	11.09
11	7.09	8.75	44	7.09	10.64	77	7.31	11.45
12	7.33	8.75	45	7.09	10.63	78	7.07	11.08
13	7.09	8.75	46	7.58	11.36	79	7.31	11.44
14	7.32	8.75	47	7.09	10.85	80	7.07	11.06
15	7.09	8.75	48	7.32	11.69	81	7.07	11.05
16	7.09	8.75	49	7.09	11.31	82	7.83	12.23
17	7.32	8.75	50	7.32	11.68	83	7.07	11.04
18	7.09	8.75	51	7.09	11.29	84	7.31	11.40
19	7.32	8.75	52	7.09	11.29	85	7.07	11.02
20	7.09	8.75	53	7.32	11.65	86	7.31	11.38
21	7.09	8.75	54	7.09	11.27	87	7.07	11.00
22	7.84	8.75	55	7.32	11.64	88	7.07	10.99
23	7.09	8.75	56	7.08	11.25	89	7.31	11.35
24	7.33	8.84	57	7.08	11.25	90	7.07	10.98
25	7.10	8.75	58	7.84	12.44	91	7.30	11.34
26	7.33	8.84	59	7.08	11.23	92	7.07	10.96
27	7.10	8.75	60	7.32	11.60			
28	7.10	8.75	61	7.08	11.21			
29	7.33	9.07	62	7.32	11.58			
30	7.09	9.27	63	7.08	11.20			
31	7.33	9.58	64	7.08	11.19			
32	7.09	9.26	65	7.32	11.56			
33	7.09	9.26	66	7.08	11.17			

- (1) Assumes 1mLIBOR and 6mLIBOR stays at 1.10% and 1.33% respectively and the cashflows are run to the Optional Termination at the pricing speed.
(2) Assumes 1mLIBOR and 6mLIBOR increase instantaneously to 20.00% and the cashflows are run to the Optional Termination at the pricing speed.
(3) Calculated as (a) the Net WAC Cap plus (b) the result of proceeds from the related Interest Rate Corridor divided by the beginning period balances of the related certificates, annualized based on the actual number of days in the accrual period.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Excess Spread

Period	% At Static LIBOR(1)	1m LIBOR (%)	6m LIBOR (%)	% At Fwd LIBOR(2)	Period	% at Static LIBOR(1)	1m LIBOR (%)	6m LIBOR (%)	% at Fwd LIBOR(2)	Period	% at Static LIBOR(1)	1m LIBOR (%)	6m LIBOR (%)	% at Fwd LIBOR(2)
1	4.6731	1.1000	1.3300	4.6731	34	5.6771	4.4664	4.6328	4.5272	67	5.5753	5.5843	5.7771	3.9426
2	5.7574	1.1387	1.3896	5.7192	35	5.4906	4.5435	4.6847	4.0190	68	5.5183	5.6439	5.7847	3.6773
3	5.7000	1.2389	1.4974	5.5585	36	5.5404	4.5335	4.7334	4.3731	69	5.5194	5.6929	5.7766	3.6269
4	5.6951	1.3131	1.6177	5.4779	37	5.4708	4.6124	4.7828	4.1129	70	5.6940	5.7417	5.7662	4.2017
5	5.7429	1.4055	1.7484	5.4417	38	5.5486	4.6876	4.8314	4.2062	71	5.5216	5.7858	5.7541	3.5508
6	5.6849	1.5560	1.8799	5.2206	39	5.5126	4.6873	4.8772	4.0499	72	5.5805	5.8050	5.7443	3.7504
7	5.7328	1.6614	2.0190	5.1798	40	5.5266	4.7635	4.9230	3.9830	73	5.5239	5.6273	5.7342	3.7178
8	5.6744	1.7844	2.1628	4.9780	41	5.5871	4.8318	4.9681	4.1600	74	5.5828	5.5974	5.7632	3.9501
9	5.6690	1.9565	2.3087	4.7979	42	5.5317	4.8254	5.0087	4.1234	75	5.5264	5.6334	5.8031	3.7105
10	5.8244	2.0830	2.4492	4.9217	43	5.5922	4.8975	5.0483	4.2303	76	5.5277	5.6729	5.8444	3.6706
11	5.6578	2.2138	2.5938	4.5260	44	5.5335	4.9599	5.0859	3.9814	77	5.5866	5.7126	5.8859	3.8664
12	5.7060	2.3765	2.7305	4.4512	45	5.5326	4.9563	5.1225	3.9799	78	5.5305	5.7516	5.9239	3.7049
13	5.6461	2.5099	2.8593	4.2146	46	5.6474	5.0254	5.1575	4.2758	79	5.5893	5.7943	5.9588	3.8706
14	5.6944	2.6446	2.9869	4.1774	47	5.5308	5.0791	5.1919	3.8991	80	5.5335	5.8340	5.9448	3.6227
15	5.6339	2.7847	3.1128	3.9249	48	5.5877	5.0572	5.2246	4.2088	81	5.5350	5.8737	5.9138	3.5834
16	5.6275	2.9188	3.2306	3.7834	49	5.5288	5.1194	5.2580	3.9544	82	5.7081	5.9135	5.8805	4.1791
17	5.6759	3.0501	3.3484	3.7634	50	5.5858	5.1719	5.2912	4.0862	83	5.5383	5.9486	5.8450	3.5010
18	5.6143	3.1423	3.4549	3.5456	51	5.5269	5.1622	5.3219	3.9004	84	5.5970	5.9524	5.8132	3.6596
19	5.6628	3.2681	3.5571	3.5387	52	5.5259	5.2228	5.3538	3.8339	85	5.5418	5.7115	5.7790	3.6872
20	5.6005	3.3923	3.6571	3.2820	53	5.5828	5.2692	5.3849	4.0202	86	5.6005	5.6552	5.7776	3.9464
21	5.5933	3.4840	3.7538	3.1851	54	5.5238	5.2549	5.4117	3.9269	87	5.5455	5.6811	5.7853	3.7195
22	5.7539	3.6082	3.8373	3.4641	55	5.5807	5.3124	5.4383	4.0580	88	5.5474	5.7110	5.7935	3.6914
23	5.5793	3.7022	3.9181	3.3368	56	5.5217	5.3555	5.4630	3.8140	89	5.6061	5.7407	5.8011	3.8585
24	5.6403	3.7417	3.9955	4.4566	57	5.5213	5.3483	5.4890	3.8158	90	5.5515	5.7584	5.8067	3.6355
25	5.5761	3.8546	4.0702	4.1917	58	5.6949	5.4037	5.4944	4.3480	91	5.6101	5.7012	5.8159	3.8965
26	5.6253	3.9584	4.1420	4.2287	59	5.5204	5.4386	5.4944	3.7398	92	5.5559	5.7014	5.8397	3.6958
27	5.5606	3.9726	4.2105	4.0562	60	5.5780	5.4088	5.4976	4.0038					
28	5.5526	4.0723	4.2790	3.9473	61	5.5195	5.4580	5.5124	3.7510					
29	5.6020	4.1687	4.3466	4.1113	62	5.5771	5.5046	5.5346	3.8996					
30	5.5359	4.1839	4.4073	4.3463	63	5.5186	5.3798	5.5574	3.8188					
31	5.5855	4.2781	4.4672	4.4032	64	5.5181	5.4033	5.6112	3.7897					
32	5.5184	4.3652	4.5242	4.1448	65	5.5757	5.4503	5.6695	3.9763					
33	5.5094	4.3770	4.5798	4.1231	66	5.5172	5.4985	5.7241	3.8311					

- (1) Assumes 1mLIBOR and 6mLIBOR stays at 1.10% and 1.33% respectively, and the cashflows are run to the Optional Termination at the pricing speed.
(2) Assumes forward 1mLIBOR and 6mLIBOR curves as of March 22, 2004.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

PART IV: COLLATERAL STATISTICS

DESCRIPTION OF THE TOTAL COLLATERAL

Collateral Summary

Statistics given below are for the Mortgage Loans in the pool as of the Collateral Selection Date. Balances and percentages are based on the Cut-off Date scheduled balances of such Mortgage Loans (except in the case of Debt-to-Income and FICO, which are determined at origination).

	<u>Summary Statistics</u>	<u>Range (if applicable)</u>
Number of Mortgage Loans:	6,457	
Aggregate Current Principal Balance:	\$1,000,000,030.33	
Average Current Principal Balance:	\$154,870.69	\$58,131.43 - \$599,710.03
Aggregate Original Principal Balance:	\$1,001,217,423.00	
Average Original Principal Balance:	\$155,059.23	\$60,000.00 - \$600,000.00
Fully Amortizing Mortgage Loans:	100.00%	
1st Lien:	100.00%	
Wtd. Avg. Gross Coupon:	7.834%	5.200% - 13.990%
Wtd. Avg. Original Term (months):	353	120 - 360
Wtd. Avg. Remaining Term (months):	352	117 - 360
Wtd. Avg. Margin (ARM Loans Only):	6.092%	3.220% - 6.750%
Wtd. Avg. Maximum Mortgage Rate (ARM Loans Only):	13.898%	11.250% - 19.990%
Wtd. Avg. Minimum Mortgage Rate (ARM Loans Only):	7.898%	5.250% - 13.990%
Wtd. Avg. Original LTV:	78.67%	12.40% - 95.00%
Wtd. Avg. Borrower FICO:	599	500 - 810
Geographic Distribution (Top 5):	CA 21.69%	
	FL 10.79%	
	NY 7.69%	
	MA 6.75%	
	MI 4.12%	

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Collateral Type								
COLLATERAL TYPE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Fixed Rate	1,495	\$200,000,020.31	20.00	335	38.94	7.579	656	76.61
ARM - 2 Year/6 Month	4,962	800,000,010.02	80.00	356	39.71	7.898	585	79.18
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

Principal Balances at Origination								
RANGE OF PRINCIPAL BALANCES AT ORIGINATION (\$)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF ORIGINATION	% OF PRINCIPAL BALANCE AS OF ORIGINATION	REMAINING TERM TO MATURITY (months)*	DEBT-TO-INCOME (%)*	MORTGAGE RATES (%)*	FICO*	OLTV (%)*
50,000.01 - 100,000.00	2,320	\$178,880,923.00	17.87	341	38.10	8.687	587	75.07
100,000.01 - 150,000.00	1,631	202,750,748.00	20.25	350	39.13	7.988	594	78.75
150,000.01 - 200,000.00	1,009	175,317,688.00	17.51	353	39.57	7.764	594	78.45
200,000.01 - 250,000.00	573	128,237,974.00	12.81	355	39.29	7.670	600	78.84
250,000.01 - 300,000.00	392	107,042,458.00	10.69	357	39.61	7.421	602	79.62
300,000.01 - 350,000.00	223	72,319,825.00	7.22	358	42.13	7.374	614	82.43
350,000.01 - 400,000.00	118	43,996,587.00	4.39	356	42.33	7.248	619	81.05
400,000.01 - 450,000.00	75	31,821,525.00	3.18	354	41.92	7.428	620	79.40
450,000.01 - 500,000.00	46	21,922,422.00	2.19	358	42.33	7.343	613	80.40
500,000.01 - 550,000.00	33	17,318,800.00	1.73	359	38.12	7.469	625	82.37
550,000.01 - 600,000.00	37	21,608,473.00	2.16	359	37.16	7.030	635	80.32
Total:	6,457	\$1,001,217,423.00	100.00	352	39.55	7.834	600	78.66

* Based on the original balances of the Mortgage Loans.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Principal Balances as of the Cut-Off Date

RANGE OF PRINCIPAL BALANCES AS OF THE CUT-OFF DATE (\$)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
50,000.01 - 100,000.00	2,321	\$178,734,662.31	17.87	341	38.11	8.689	587	75.06
100,000.01 - 150,000.00	1,630	202,403,259.30	20.24	350	39.13	7.987	594	78.76
150,000.01 - 200,000.00	1,010	175,308,029.44	17.53	353	39.58	7.766	594	78.44
200,000.01 - 250,000.00	575	128,626,093.14	12.86	355	39.31	7.662	600	78.87
250,000.01 - 300,000.00	389	106,166,138.34	10.62	357	39.57	7.426	602	79.60
300,000.01 - 350,000.00	224	72,600,140.39	7.26	358	42.16	7.371	614	82.46
350,000.01 - 400,000.00	118	43,996,953.69	4.40	355	42.20	7.237	620	80.46
400,000.01 - 450,000.00	74	31,379,296.79	3.14	356	42.01	7.453	618	80.11
450,000.01 - 500,000.00	46	21,894,653.00	2.19	358	42.33	7.343	613	80.40
500,000.01 - 550,000.00	33	17,300,719.24	1.73	359	38.12	7.469	625	82.37
550,000.01 - 600,000.00	37	21,590,084.69	2.16	359	37.16	7.030	635	80.32
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

Remaining Term to Maturity

RANGE OF MONTHS REMAINING	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
61 - 120	18	\$1,704,822.61	0.17	119	38.48	7.475	667	65.23
121 - 180	192	18,995,018.73	1.90	178	36.59	7.703	634	72.85
181 - 240	198	21,218,848.88	2.12	238	37.18	7.687	630	75.00
241 - 300	28	3,252,499.41	0.33	299	36.08	7.204	680	81.88
301 - 360	6,021	954,828,840.70	95.48	359	39.68	7.843	598	78.88
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

DESCRIPTION OF THE TOTAL COLLATERAL

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Mortgage Rate								
RANGE OF CURRENT MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
5.000 - 5.499	11	\$2,335,912.38	0.23	343	39.24	5.369	700	74.87
5.500 - 5.999	301	68,562,162.19	6.86	348	37.06	5.851	678	75.78
6.000 - 6.499	366	79,042,054.63	7.90	350	39.26	6.257	646	79.93
6.500 - 6.999	995	184,626,787.98	18.46	352	38.67	6.778	627	79.49
7.000 - 7.499	532	95,025,726.87	9.50	354	39.80	7.248	599	78.85
7.500 - 7.999	1,299	199,678,609.27	19.97	352	39.49	7.776	591	78.70
8.000 - 8.499	473	66,808,305.09	6.68	353	39.75	8.261	575	78.91
8.500 - 8.999	1,006	132,350,909.84	13.24	353	40.52	8.764	569	78.92
9.000 - 9.499	320	39,328,559.34	3.93	351	40.53	9.259	567	77.84
9.500 - 9.999	603	73,209,475.78	7.32	354	41.17	9.757	558	77.87
10.000 - 10.499	183	19,390,860.58	1.94	352	40.05	10.241	556	78.05
10.500 - 10.999	205	22,498,383.76	2.25	347	41.23	10.725	551	78.46
11.000 - 11.499	63	5,994,139.16	0.60	342	40.24	11.237	554	77.56
11.500 - 11.999	60	5,942,402.85	0.59	356	38.68	11.757	547	78.27
12.000 - 12.499	23	2,490,856.28	0.25	358	39.22	12.278	544	78.32
12.500 - 12.999	15	2,356,334.83	0.24	357	42.10	12.729	535	78.32
13.000 or greater	2	358,549.50	0.04	354	32.21	13.541	527	72.61
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Original Loan-to-Value Ratios

RANGE OF ORIGINAL LOAN-TO-VALUE RATIOS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
25.00 or less	29	\$2,663,144.98	0.27	317	34.66	7.393	657	20.93
25.01 - 30.00	25	2,797,027.63	0.28	342	36.72	7.307	625	28.17
30.01 - 35.00	27	3,029,227.28	0.30	334	37.91	7.160	612	32.61
35.01 - 40.00	48	5,220,970.00	0.52	335	38.34	7.496	609	37.57
40.01 - 45.00	58	6,243,901.12	0.62	336	37.92	7.514	615	42.68
45.01 - 50.00	64	7,707,767.95	0.77	339	35.76	7.681	597	47.92
50.01 - 55.00	105	14,743,144.37	1.47	350	36.23	7.588	604	52.87
55.01 - 60.00	258	36,382,695.85	3.64	349	38.23	7.915	582	58.13
60.01 - 65.00	296	39,417,034.33	3.94	350	38.57	7.834	587	63.18
65.01 - 70.00	456	67,286,281.21	6.73	349	38.60	7.714	592	68.24
70.01 - 75.00	1,092	158,725,266.37	15.87	353	39.68	8.224	568	73.87
75.01 - 80.00	984	146,148,132.97	14.61	350	39.28	7.720	598	78.76
80.01 - 85.00	1,312	214,597,112.08	21.46	355	40.16	8.126	590	83.93
85.01 - 90.00	1,605	278,185,527.74	27.82	353	40.15	7.552	625	89.14
90.01 - 95.00	98	16,852,796.45	1.69	350	39.31	7.186	680	93.68
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

FICO Score at Origination								
RANGE OF FICO SCORES	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
500 - 519	347	\$46,836,398.29	4.68	356	40.25	8.915	510	69.19
520 - 539	1,044	139,874,205.74	13.99	356	41.00	8.883	530	74.76
540 - 559	871	127,411,208.02	12.74	355	40.08	8.481	549	76.89
560 - 579	758	112,186,099.46	11.22	355	39.50	8.159	569	80.15
580 - 599	667	102,995,908.66	10.30	354	38.98	7.910	589	79.95
600 - 619	750	124,194,069.11	12.42	353	40.05	7.536	610	81.29
620 - 639	596	101,869,895.51	10.19	352	39.73	7.351	630	81.84
640 - 659	484	78,653,226.44	7.87	349	38.18	7.183	649	80.08
660 - 679	350	60,707,158.16	6.07	345	38.52	6.832	669	80.12
680 - 699	214	39,005,964.44	3.90	345	39.51	6.763	689	81.30
700 - 719	144	26,582,465.71	2.66	341	38.02	6.691	708	80.41
720 - 739	98	17,504,297.76	1.75	339	37.58	6.507	728	79.90
740 - 759	65	10,937,379.34	1.09	342	36.00	6.696	750	76.68
760 - 779	46	6,974,669.31	0.70	346	36.07	6.375	769	75.66
780 - 799	20	3,463,192.49	0.35	352	40.44	6.159	787	70.04
800 - 819	3	803,891.89	0.08	298	27.47	5.541	807	41.99
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Debt-to-Income Ratio

RANGE OF DEBT-TO-INCOME RATIOS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
20.00 or less	403	\$59,009,436.15	5.90	348	15.16	7.736	605	76.56
20.01 - 25.00	389	50,940,638.26	5.09	351	23.17	7.758	598	77.75
25.01 - 30.00	576	82,578,097.04	8.26	350	28.05	7.813	600	77.45
30.01 - 35.00	765	115,676,497.89	11.57	351	33.10	7.664	606	77.15
35.01 - 40.00	971	147,164,798.84	14.72	351	38.13	7.746	603	78.47
40.01 - 45.00	1,160	183,759,933.92	18.38	352	43.15	7.813	602	78.94
45.01 - 50.00	1,662	277,095,280.25	27.71	353	48.16	7.760	606	80.99
50.01 - 55.00	531	83,775,347.98	8.38	356	53.07	8.650	554	76.03
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Geographic Distribution

STATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
California	911	\$216,912,425.37	21.69	356	39.94	7.121	610	76.83
Florida	851	107,880,438.81	10.79	353	39.61	8.059	588	79.92
New York	353	76,870,323.34	7.69	348	40.26	8.010	613	73.94
Massachusetts	314	67,501,740.88	6.75	355	40.30	7.441	600	74.85
Michigan	340	41,236,293.68	4.12	357	39.78	8.031	583	80.37
Illinois	260	38,915,873.86	3.89	353	38.95	8.324	587	79.07
Texas	382	37,320,736.39	3.73	342	40.27	8.785	581	76.05
Minnesota	198	32,948,410.23	3.29	353	38.17	7.889	594	79.57
Maryland	183	32,802,055.95	3.28	353	41.46	7.718	591	81.34
Ohio	263	29,844,367.32	2.98	353	37.76	7.766	594	82.93
Washington	136	27,349,360.30	2.73	357	39.71	7.719	616	81.73
Pennsylvania	208	24,566,923.18	2.46	340	41.14	7.839	607	79.83
Georgia	194	23,224,051.96	2.32	349	38.96	9.213	587	82.01
Colorado	124	23,137,072.13	2.31	356	39.41	7.628	607	80.60
Rhode Island	130	21,956,279.81	2.20	355	38.76	7.502	593	74.58
Connecticut	123	21,283,544.27	2.13	353	40.29	7.712	599	77.77
Wisconsin	148	17,933,989.87	1.79	347	38.21	8.614	609	82.37
Tennessee	137	14,580,959.08	1.46	341	39.18	8.242	600	82.63
Alabama	139	13,415,712.26	1.34	341	37.15	8.739	604	81.59
Indiana	122	12,471,360.99	1.25	344	36.58	8.196	596	83.93
Missouri	105	11,777,350.17	1.18	357	39.81	7.945	584	82.42
Arizona	70	9,299,713.24	0.93	356	39.52	7.874	590	82.51
North Carolina	76	8,409,755.06	0.84	351	37.93	9.062	589	80.88
Nevada	41	8,333,634.52	0.83	359	37.03	7.632	599	83.52

* Geographic Distribution continued on the next page.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Geographic Distribution (Continued)

STATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Louisiana	81	7,886,370.12	0.79	338	38.49	8.543	592	83.22
Hawaii	30	7,452,745.95	0.75	359	37.10	7.132	626	80.64
New Hampshire	45	6,901,001.70	0.69	358	41.67	7.621	580	74.78
Maine	57	6,739,330.99	0.67	346	38.76	8.375	590	75.82
Mississippi	60	5,704,714.24	0.57	343	37.35	8.357	594	81.14
Oklahoma	54	5,599,055.21	0.56	343	39.60	8.378	593	83.97
New Jersey	29	5,535,980.15	0.55	351	38.79	8.754	595	75.26
Kansas	45	5,067,161.18	0.51	347	39.44	8.555	605	83.34
Delaware	35	4,985,108.09	0.50	346	38.67	7.445	593	78.91
Nebraska	36	3,589,613.62	0.36	340	37.87	7.977	592	81.85
South Carolina	27	3,520,238.25	0.35	354	39.68	8.793	615	84.77
Iowa	35	3,001,032.04	0.30	351	37.40	8.748	590	79.62
Arkansas	27	2,996,417.08	0.30	327	38.47	8.271	622	84.15
Oregon	18	2,700,733.19	0.27	347	40.84	6.801	669	85.38
Utah	17	2,274,475.90	0.23	343	34.63	7.836	587	80.56
Kentucky	19	1,703,191.43	0.17	344	41.99	8.692	601	83.42
Idaho	6	873,533.38	0.09	269	26.20	9.144	586	86.43
Vermont	7	777,319.80	0.08	341	39.04	8.851	581	71.11
Wyoming	6	769,098.09	0.08	359	36.99	7.280	632	87.80
Alaska	3	566,887.05	0.06	297	44.32	6.791	634	88.79
Montana	3	556,082.99	0.06	358	44.68	7.125	603	85.75
North Dakota	4	371,763.15	0.04	315	42.66	8.661	593	81.28
New Mexico	4	339,177.06	0.03	323	33.49	9.692	574	74.76
South Dakota	1	116,627.00	0.01	354	49.00	9.500	556	90.00
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Occupancy Status

OCCUPANCY STATUS*	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Owner Occupied	6,145	\$952,404,648.28	95.24	352	39.81	7.838	597	78.72
Non-Owner Occupied	246	38,019,911.92	3.80	353	33.30	7.755	644	77.12
Second Home	66	9,575,470.13	0.96	351	38.70	7.723	635	79.18
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

* Based on mortgagor representation at origination.

Documentation Type

INCOME DOCUMENTATION	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Full Documentation	4,501	\$678,722,291.55	67.87	351	39.51	7.726	599	79.43
Stated Documentation	1,088	171,579,824.91	17.16	355	40.30	8.240	609	74.43
Limited Documentation	868	149,697,913.87	14.97	354	38.91	7.857	591	80.05
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

Loan Purpose

PURPOSE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Refinance – Cashout**	6,029	\$937,298,717.87	93.73	352	39.52	7.841	599	78.54
Refinance - Rate Term***	405	59,092,005.10	5.91	348	39.95	7.724	611	80.29
Purchase	23	3,609,307.36	0.36	359	40.30	7.778	657	83.84
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

** Cash proceeds to the borrower inclusive of debt consolidation payments exceed 2% or \$2,000 of the original principal balance of the related loan. Also includes all home equity loans originated in Texas with any cash proceeds.

*** Cash proceeds to the borrower inclusive of debt consolidation payments do not exceed 2% or \$2,000 of the original principal balance of the related loan. Excludes home equity loans originated in Texas with any cash proceeds.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Credit Grade								
RISK CATEGORY	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
2A	1,315	\$203,676,613.37	20.37	354	38.89	7.721	584	81.22
3A	619	103,464,695.28	10.35	353	40.05	7.375	614	81.76
4A	481	84,016,289.38	8.40	352	39.95	7.190	632	82.56
5A	391	63,889,402.03	6.39	349	38.00	7.058	650	80.89
6A	321	56,286,081.42	5.63	345	38.38	6.778	669	80.12
7A	278	51,341,795.02	5.13	344	39.13	6.727	694	81.20
8A	286	49,879,234.26	4.99	341	37.11	6.481	740	77.34
A	407	61,836,137.62	6.18	355	38.68	8.387	578	80.53
B	1,604	223,743,795.68	22.37	355	40.96	8.800	545	75.92
C	667	90,119,998.76	9.01	354	40.55	8.859	537	70.73
D	88	11,745,987.51	1.17	357	40.21	9.154	527	58.00
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

Property Type								
PROPERTY TYPE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Single Family Detached	5,521	\$839,351,415.39	83.94	351	39.51	7.845	597	78.96
Two-to Four-Family	301	63,304,205.95	6.33	355	40.06	7.795	620	74.76
PUD Detached	252	44,512,611.06	4.45	356	39.94	7.788	597	80.35
Condominium	178	31,186,364.93	3.12	355	39.65	7.437	609	78.85
Manufactured/Mobile Home	126	11,921,141.81	1.19	347	37.81	8.314	614	71.08
Single Family Attached	53	5,450,414.25	0.55	345	38.76	8.363	610	78.32
PUD Attached	26	4,273,876.94	0.43	355	42.09	7.551	608	82.30
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Prepayment Charge Term at Origination

PREPAYMENT CHARGE TERM AT ORIGINATION (months)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
0	1,764	\$261,428,975.74	26.14	352	39.51	8.482	592	78.41
12	439	88,565,987.70	8.86	349	39.85	7.334	626	75.59
24	45	9,183,268.64	0.92	359	40.91	7.274	603	82.38
30	8	1,727,381.50	0.17	359	29.85	7.389	647	84.26
36	4,201	639,094,416.75	63.91	352	39.54	7.648	599	79.13
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

Conforming Balance

CONFORMING BALANCE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Conforming	6,131	\$859,875,766.93	85.99	351	39.28	7.921	597	78.33
Non-Conforming	326	140,124,263.40	14.01	357	41.24	7.304	617	80.71
Total:	6,457	\$1,000,000,030.33	100.00	352	39.55	7.834	599	78.67

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Maximum Mortgage Rates of the Adjustable-Rate Loans

RANGE OF MAXIMUM MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
11.000 - 11.499	8	\$1,876,324.45	0.23	359	40.57	5.387	688	73.92
11.500 - 11.999	188	46,681,644.99	5.84	356	37.50	5.862	657	79.40
12.000 - 12.499	251	56,195,935.80	7.02	356	38.61	6.260	627	81.29
12.500 - 12.999	716	140,552,814.88	17.57	356	38.78	6.793	611	80.75
13.000 - 13.499	421	79,287,965.50	9.91	357	39.85	7.248	586	78.96
13.500 - 13.999	984	161,565,933.44	20.20	357	39.77	7.779	578	78.30
14.000 - 14.499	386	57,497,809.02	7.19	356	40.18	8.259	567	78.99
14.500 - 14.999	837	114,256,953.35	14.28	355	40.52	8.763	562	78.98
15.000 - 15.499	268	34,538,526.06	4.32	355	40.73	9.261	561	77.97
15.500 - 15.999	498	61,967,616.24	7.75	355	40.99	9.759	554	78.05
16.000 - 16.499	139	15,342,564.08	1.92	354	39.83	10.248	550	78.39
16.500 - 16.999	155	17,405,773.94	2.18	357	41.75	10.722	548	78.48
17.000 - 17.499	42	4,375,321.39	0.55	353	40.31	11.242	557	79.27
17.500 - 17.999	41	4,445,575.70	0.56	359	38.79	11.769	545	78.74
18.000 - 18.499	15	1,953,794.46	0.24	358	39.73	12.295	542	78.50
18.500 - 18.999	11	1,696,907.22	0.21	357	41.71	12.779	532	76.43
19.000 - 19.499	1	171,260.91	0.02	354	39.00	13.050	551	70.00
19.500 - 19.999	1	187,288.59	0.02	354	26.00	13.990	505	75.00
Total:	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Minimum Mortgage Rates of the Adjustable-Rate Loans

RANGE OF MINIMUM MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLT V (%)
5.000 - 5.499	8	\$1,876,324.45	0.23	359	40.57	5.387	688	73.92
5.500 - 5.999	188	46,681,644.99	5.84	356	37.50	5.862	657	79.40
6.000 - 6.499	251	56,195,935.80	7.02	356	38.61	6.260	627	81.29
6.500 - 6.999	716	140,552,814.88	17.57	356	38.78	6.793	611	80.75
7.000 - 7.499	421	79,287,965.50	9.91	357	39.85	7.248	586	78.96
7.500 - 7.999	984	161,565,933.44	20.20	357	39.77	7.779	578	78.30
8.000 - 8.499	386	57,497,809.02	7.19	356	40.18	8.259	567	78.99
8.500 - 8.999	837	114,256,953.35	14.28	355	40.52	8.763	562	78.98
9.000 - 9.499	268	34,538,526.06	4.32	355	40.73	9.261	561	77.97
9.500 - 9.999	498	61,967,616.24	7.75	355	40.99	9.759	554	78.05
10.000 - 10.499	139	15,342,564.08	1.92	354	39.83	10.248	550	78.39
10.500 - 10.999	155	17,405,773.94	2.18	357	41.75	10.722	548	78.48
11.000 - 11.499	42	4,375,321.39	0.55	353	40.31	11.242	557	79.27
11.500 - 11.999	41	4,445,575.70	0.56	359	38.79	11.769	545	78.74
12.000 - 12.499	15	1,953,794.46	0.24	358	39.73	12.295	542	78.50
12.500 or greater	13	2,055,456.72	0.26	356	40.06	12.912	531	75.77
Total:	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd, representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Margins of the Adjustable-Rate Loans

RANGE OF MORTGAGE MARGINS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
3.499 or less	2	\$659,536.50	0.08	359	21.51	7.799	638	89.11
4.000 - 4.249	1	132,876.21	0.02	359	40.00	6.350	765	95.00
4.500 - 4.749	7	1,442,766.36	0.18	319	43.76	7.857	661	86.32
4.750 - 4.999	95	20,549,269.83	2.57	357	37.73	6.681	729	85.06
5.000 - 5.249	97	21,451,378.79	2.68	356	39.37	6.902	686	86.96
5.250 - 5.499	128	26,387,342.90	3.30	356	38.36	6.622	664	82.25
5.500 - 5.749	228	43,642,831.86	5.46	355	37.69	6.942	644	82.24
5.750 - 5.999	415	81,207,869.30	10.15	357	40.04	7.082	621	83.01
6.000 - 6.249	1,568	259,387,819.58	32.42	356	39.45	7.550	590	81.78
6.250 - 6.499	408	62,980,005.95	7.87	356	38.35	8.382	569	78.70
6.500 - 6.749	1,441	202,811,465.68	25.35	356	40.93	8.760	543	75.76
6.750 - 6.999	572	79,346,847.06	9.92	356	40.39	8.824	531	69.31
Total:	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE TOTAL COLLATERAL

Next Rate Adjustment Date of the Adjustable-Rate Loans

NEXT RATE ADJUSTMENT DATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
October 2005	15	\$1,620,566.67	0.20	353	41.48	9.606	570	72.11
November 2005	252	39,115,066.31	4.89	353	40.13	8.580	590	80.39
December 2005	55	8,409,173.68	1.05	350	41.27	8.993	569	78.70
January 2006	102	13,721,729.30	1.72	347	39.66	8.704	577	79.25
February 2006	68	10,346,592.75	1.29	357	38.58	8.276	585	79.14
March 2006	223	32,498,724.18	4.06	353	40.46	7.922	586	79.22
April 2006	4,236	692,763,416.13	86.60	357	39.65	7.819	586	79.13
May 2006	11	1,524,741.00	0.19	351	33.87	7.933	565	79.43
Total:	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18

Initial Periodic Rate Cap of the Adjustable-Rate Loans

INITIAL PERIODIC RATE CAP (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
2.000	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18
Total:	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18

Subsequent Periodic Rate Cap of the Adjustable-Rate Loans

SUBSEQUENT PERIODIC RATE CAP (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
1.000	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18
Total:	4,962	\$800,000,010.02	100.00	356	39.71	7.898	585	79.18

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Collateral Summary

Statistics given below are for the Mortgage Loans in the pool as of the Collateral Selection Date. Balances and percentages are based on the Cut-Off Date scheduled balances of such Mortgage Loans (except in the case of Debt-to-Income and FICO, which are determined at origination).

	<u>Summary Statistics</u>	<u>Range (if applicable)</u>
Number of Mortgage Loans:	6,078	
Aggregate Current Principal Balance:	\$854,127,785.86	
Average Current Principal Balance:	\$140,527.77	\$58,709.61 - \$581,647.58
Aggregate Original Principal Balance:	\$855,173,647.00	
Average Original Principal Balance:	\$140,699.84	\$60,000.00 - \$582,200.00
Fully Amortizing Mortgage Loans:	100.00%	
1st Lien:	100.00%	
Wtd. Avg. Gross Coupon:	7.920%	5.200% - 12.990%
Wtd. Avg. Original Term (months):	353	120 - 360
Wtd. Avg. Remaining Term (months):	351	117 - 360
Wtd. Avg. Margin (ARM Loans Only):	6.126%	3.220% - 6.750%
Wtd. Avg. Maximum Mortgage Rate (ARM Loans Only):	13.985%	11.250% - 18.990%
Wtd. Avg. Minimum Mortgage Rate (ARM Loans Only):	7.985%	5.250% - 12.990%
Wtd. Avg. Original LTV:	78.35%	12.40% - 95.00%
Wtd. Avg. Borrower FICO:	596	500 - 805
Geographic Distribution (Top 5):	CA 17.79%	
	FL 11.49%	
	NY 7.39%	
	MA 6.61%	
	MI 4.46%	

DESCRIPTION OF THE GROUP I COLLATERAL

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Collateral Type								
COLLATERAL TYPE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Fixed Rate	1,388	\$170,823,962.59	20.00	334	38.40	7.660	655	76.36
ARM - 2 Year/6 Month	4,690	683,303,823.27	80.00	356	39.50	7.985	582	78.85
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

Principal Balances at Origination								
RANGE OF PRINCIPAL BALANCES AT ORIGINATION (\$)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF ORIGINATION	% OF PRINCIPAL BALANCE AS OF ORIGINATION	REMAINING TERM TO MATURITY (months)*	DEBT-TO-INCOME (%)*	MORTGAGE RATES (%)*	FICO*	OLTV (%)*
50,000.01 - 100,000.00	2,292	\$176,773,680.00	20.67	342	38.11	8.696	586	75.14
100,000.01 - 150,000.00	1,613	200,546,939.00	23.45	350	39.12	7.994	593	78.72
150,000.01 - 200,000.00	1,005	174,582,688.00	20.41	353	39.60	7.751	594	78.50
200,000.01 - 250,000.00	571	127,795,974.00	14.94	355	39.28	7.673	599	78.86
250,000.01 - 300,000.00	391	106,766,208.00	12.48	357	39.59	7.423	602	79.60
300,000.01 - 350,000.00	174	55,536,458.00	6.49	358	41.67	7.416	613	82.86
350,000.01 - 400,000.00	18	6,905,000.00	0.81	358	41.34	7.266	656	81.02
400,000.01 - 450,000.00	9	3,713,000.00	0.43	359	41.66	7.396	661	78.44
450,000.01 - 500,000.00	3	1,436,000.00	0.17	359	33.00	6.579	664	75.39
500,000.01 - 550,000.00	1	535,500.00	0.06	359	33.00	6.700	731	85.00
550,000.01 - 600,000.00	1	582,200.00	0.07	359	50.00	6.250	681	86.25
Total:	6,078	\$855,173,647.00	100.00	351	39.28	7.920	596	78.35

* Based on the original balances of the Mortgage Loans.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events; and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Principal Balances as of the Cut-Off Date

RANGE OF PRINCIPAL BALANCES AS OF THE CUT-OFF DATE (\$)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
50,000.01 - 100,000.00	2,293	\$176,636,226.21	20.68	342	38.11	8.698	586	75.13
100,000.01 - 150,000.00	1,612	200,203,496.29	23.44	350	39.12	7.993	593	78.73
150,000.01 - 200,000.00	1,006	174,574,605.69	20.44	353	39.61	7.754	594	78.49
200,000.01 - 250,000.00	573	128,185,438.33	15.01	355	39.30	7.665	600	78.88
250,000.01 - 300,000.00	388	105,890,434.94	12.40	357	39.55	7.428	602	79.59
300,000.01 - 350,000.00	174	55,482,925.27	6.50	358	41.67	7.416	613	82.86
350,000.01 - 400,000.00	18	6,894,266.17	0.81	358	41.34	7.266	656	81.02
400,000.01 - 450,000.00	9	3,708,994.54	0.43	359	41.66	7.396	661	78.44
450,000.01 - 500,000.00	3	1,434,716.43	0.17	359	33.00	6.579	664	75.39
500,000.01 - 550,000.00	1	535,034.41	0.06	359	33.00	6.700	731	85.00
550,000.01 - 600,000.00	1	581,647.58	0.07	359	50.00	6.250	681	86.25
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

Remaining Term to Maturity

RANGE OF MONTHS REMAINING	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
61 - 120	17	\$1,640,178.11	0.19	119	38.14	7.454	669	66.92
121 - 180	183	17,630,511.10	2.06	178	36.51	7.663	632	72.34
181 - 240	190	19,753,406.95	2.31	238	37.05	7.754	625	75.84
241 - 300	27	3,192,560.48	0.37	299	36.16	7.185	680	82.01
301 - 360	5,661	811,911,129.22	95.06	359	39.41	7.934	594	78.56
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Mortgage Rate									
RANGE OF CURRENT MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)	
5.000 - 5.499	9	\$1,571,206.74	0.18	336	36.91	5.379	709	69.98	
5.500 - 5.999	262	51,718,822.51	6.06	346	37.12	5.846	678	75.52	
6.000 - 6.499	315	57,964,896.20	6.79	348	38.34	6.261	648	78.97	
6.500 - 6.999	904	149,550,249.02	17.51	351	37.83	6.785	626	79.19	
7.000 - 7.499	491	79,383,714.99	9.29	354	39.70	7.250	597	78.42	
7.500 - 7.999	1,225	172,839,604.70	20.24	352	39.36	7.774	589	78.19	
8.000 - 8.499	458	61,853,089.29	7.24	352	39.25	8.261	574	78.64	
8.500 - 8.999	980	122,267,231.91	14.31	353	40.15	8.765	570	79.06	
9.000 - 9.499	310	35,442,698.36	4.15	350	40.41	9.257	564	77.15	
9.500 - 9.999	585	65,922,181.40	7.72	353	41.16	9.756	557	77.97	
10.000 - 10.499	181	19,245,421.34	2.25	352	40.17	10.241	556	78.07	
10.500 - 10.999	201	21,001,459.29	2.46	351	41.30	10.733	551	78.56	
11.000 - 11.499	62	5,926,683.98	0.69	342	40.19	11.236	555	77.59	
11.500 - 11.999	58	4,941,706.82	0.58	356	39.31	11.761	544	77.08	
12.000 - 12.499	23	2,490,856.28	0.29	358	39.22	12.278	544	78.32	
12.500 - 12.999	14	2,007,963.03	0.24	357	42.12	12.752	536	77.17	
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35	

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Original Loan-to-Value Ratios

RANGE OF ORIGINAL LOAN-TO-VALUE RATIOS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
25.00 or less	26	\$2,121,332.91	0.25	337	34.07	7.705	628	20.46
25.01 - 30.00	24	2,412,511.54	0.28	340	37.00	7.516	605	28.05
30.01 - 35.00	25	2,564,854.36	0.30	330	38.92	7.122	621	33.01
35.01 - 40.00	47	5,136,046.84	0.60	334	38.26	7.512	608	37.57
40.01 - 45.00	58	6,243,901.12	0.73	336	37.92	7.514	615	42.68
45.01 - 50.00	61	6,990,813.73	0.82	340	35.93	7.699	597	47.91
50.01 - 55.00	101	13,387,795.96	1.57	350	35.92	7.656	600	52.94
55.01 - 60.00	248	32,277,982.81	3.78	348	38.20	8.010	577	58.11
60.01 - 65.00	284	35,134,529.52	4.11	350	38.04	7.884	583	63.15
65.01 - 70.00	433	59,023,496.82	6.91	348	38.31	7.705	593	68.23
70.01 - 75.00	1,039	137,881,901.24	16.14	352	39.44	8.309	565	73.83
75.01 - 80.00	931	126,176,661.43	14.77	349	38.90	7.799	595	78.77
80.01 - 85.00	1,237	183,875,158.69	21.53	355	40.10	8.266	586	84.00
85.01 - 90.00	1,473	226,742,028.35	26.55	353	39.78	7.619	623	89.15
90.01 - 95.00	91	14,158,770.54	1.66	349	39.02	7.241	683	93.66
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

FICO Score at Origination

RANGE OF FICO SCORES	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
500 - 519	336	\$42,640,015.91	4.99	355	39.96	8.888	510	69.23
520 - 539	1,021	130,248,377.78	15.25	355	41.14	8.908	530	74.87
540 - 559	838	113,807,227.29	13.32	355	39.73	8.518	549	76.84
560 - 579	735	103,270,046.52	12.09	355	39.19	8.166	569	80.05
580 - 599	630	87,569,979.45	10.25	353	38.58	7.956	589	79.82
600 - 619	691	101,312,273.31	11.86	353	39.95	7.630	609	80.98
620 - 639	546	81,045,649.78	9.49	350	38.63	7.431	630	81.34
640 - 659	436	61,544,590.03	7.21	346	38.29	7.206	649	79.06
660 - 679	311	48,007,440.90	5.62	344	37.61	6.915	669	79.80
680 - 699	186	28,920,811.10	3.39	343	39.05	6.832	689	81.70
700 - 719	131	21,307,352.02	2.49	337	37.13	6.733	708	79.95
720 - 739	94	15,740,419.07	1.84	337	37.61	6.512	728	79.39
740 - 759	59	9,094,981.07	1.06	339	35.24	6.733	750	77.49
760 - 779	43	6,194,283.68	0.73	346	38.26	6.415	769	74.79
780 - 799	19	3,019,664.92	0.35	351	40.50	6.234	785	71.63
800 - 819	2	404,673.03	0.05	358	20.03	5.580	803	60.09
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Debt-to-Income Ratio

RANGE OF DEBT-TO-INCOME RATIOS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
20.00 or less	384	\$50,712,905.66	5.94	346	15.10	7.809	604	75.91
20.01 - 25.00	380	47,062,382.10	5.51	352	23.14	7.779	597	77.51
25.01 - 30.00	548	72,650,996.08	8.51	349	28.06	7.874	595	76.61
30.01 - 35.00	722	99,598,805.44	11.66	351	33.10	7.742	603	77.60
35.01 - 40.00	923	130,399,732.77	15.27	351	38.10	7.823	600	78.17
40.01 - 45.00	1,094	158,805,450.20	18.59	351	43.16	7.889	599	78.91
45.01 - 50.00	1,532	225,598,012.63	26.41	353	48.14	7.864	602	80.68
50.01 - 55.00	495	69,299,500.98	8.11	355	53.08	8.840	549	75.15
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Geographic Distribution

STATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
California	753	\$151,917,401.41	17.79	356	39.11	7.188	604	75.08
Florida	824	98,129,390.66	11.49	352	39.32	8.088	585	79.72
New York	316	63,105,844.16	7.39	348	39.72	8.039	614	73.59
Massachusetts	287	56,494,809.60	6.61	354	40.13	7.439	598	74.59
Michigan	329	38,134,538.83	4.46	357	39.53	8.037	584	80.48
Illinois	251	35,391,474.29	4.14	353	39.19	8.378	588	79.37
Texas	374	34,857,404.83	4.08	342	40.48	8.874	579	75.79
Minnesota	190	30,001,085.02	3.51	353	38.44	7.987	592	79.40
Ohio	258	28,587,135.33	3.35	353	37.98	7.817	592	83.01
Maryland	169	26,957,557.69	3.16	351	40.43	7.807	589	80.37
Pennsylvania	205	23,286,577.51	2.73	339	40.61	7.896	605	79.54
Georgia	193	22,624,568.55	2.65	348	38.98	9.278	586	81.99
Rhode Island	129	21,619,527.43	2.53	355	38.60	7.502	591	74.34
Washington	122	21,415,970.30	2.51	356	40.73	7.801	614	82.63
Colorado	113	18,477,174.16	2.16	355	39.97	7.678	606	79.98
Connecticut	114	18,142,523.75	2.12	354	39.31	7.807	594	77.52
Wisconsin	144	16,697,400.05	1.95	346	38.69	8.635	609	81.93
Tennessee	133	13,711,673.26	1.61	341	38.73	8.227	599	82.23
Alabama	136	13,180,214.23	1.54	342	37.16	8.762	602	81.69
Indiana	121	12,409,902.34	1.45	344	36.61	8.197	596	83.98
Missouri	103	11,008,418.15	1.29	356	39.16	7.973	583	81.90
Arizona	69	8,879,967.68	1.04	356	38.93	7.844	591	82.70
Louisiana	80	7,818,504.67	0.92	339	38.50	8.558	591	83.16
North Carolina	74	7,410,234.18	0.87	349	39.54	9.277	574	80.14
New Hampshire	45	6,901,001.70	0.81	358	41.67	7.621	580	74.78
Nevada	38	6,740,844.93	0.79	359	36.62	7.684	593	83.41
Hawaii	28	6,711,330.42	0.79	359	36.42	7.124	627	80.33
Maine	55	6,009,000.21	0.70	345	37.69	8.321	588	74.78
Mississippi	60	5,704,714.24	0.67	343	37.35	8.357	594	81.14
Kansas	45	5,067,161.18	0.59	347	39.44	8.555	605	83.34

* Geographic Distribution continued on the next page.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Geographic Distribution (Continued)								
STATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Oklahoma	53	5,059,455.97	0.59	341	41.26	8.472	595	83.36
New Jersey	27	4,809,908.65	0.56	350	41.95	8.412	609	75.30
Delaware	33	4,501,272.51	0.53	345	38.18	7.562	592	79.12
Nebraska	35	3,522,158.44	0.41	340	37.75	7.913	594	81.98
Iowa	35	3,001,032.04	0.35	351	37.40	8.748	590	79.62
South Carolina	26	2,980,521.15	0.35	353	39.08	8.719	614	83.82
Arkansas	26	2,936,441.98	0.34	326	38.99	8.230	622	84.46
Oregon	18	2,700,733.19	0.32	347	40.84	6.801	669	85.38
Utah	16	1,920,475.63	0.22	341	35.49	7.833	576	78.82
Kentucky	19	1,703,191.43	0.20	344	41.99	8.692	601	83.42
Vermont	7	777,319.80	0.09	341	39.04	8.851	581	71.11
Wyoming	6	769,098.09	0.09	359	36.99	7.280	632	87.80
Alaska	3	566,887.05	0.07	297	44.32	6.791	634	88.79
Idaho	5	442,755.32	0.05	357	28.34	7.582	573	83.00
North Dakota	4	371,763.15	0.04	315	42.66	8.661	593	81.28
New Mexico	4	339,177.06	0.04	323	33.49	9.692	574	74.76
Montana	2	215,616.64	0.03	359	36.27	6.928	569	79.04
South Dakota	1	116,627.00	0.01	354	49.00	9.500	556	90.00
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Occupancy Status

OCCUPANCY STATUS*	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Owner Occupied	5,786	\$812,958,894.20	95.18	351	39.54	7.927	594	78.39
Non-Owner Occupied	230	32,867,334.67	3.85	353	33.39	7.763	643	77.19
Second Home	62	8,301,556.99	0.97	350	36.77	7.860	627	79.46
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

* Based on mortgagor representation at origination.

Documentation Type

INCOME DOCUMENTATION	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Full Documentation	4,252	\$583,960,209.75	68.37	350	39.33	7.800	596	79.19
Stated Documentation	1,026	147,309,347.91	17.25	355	39.85	8.386	604	73.97
Limited Documentation	800	122,858,228.20	14.38	353	38.36	7.935	588	79.66
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

Loan Purpose

PURPOSE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Refinance – Cashout**	5,667	\$799,018,356.13	93.55	352	39.24	7.926	595	78.19
Refinance - Rate Term***	389	51,914,708.44	6.08	347	39.95	7.826	608	80.57
Purchase	22	3,194,721.29	0.37	359	39.04	8.010	655	84.27
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

** Cash proceeds to the borrower inclusive of debt consolidation payments exceed 2% or \$2,000 of the original principal balance of the related loan. Also includes all home equity loans originated in Texas with any cash proceeds.

*** Cash proceeds to the borrower inclusive of debt consolidation payments do not exceed 2% or \$2,000 of the original principal balance of the related loan. Excludes home equity loans originated in Texas with any cash proceeds.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co., Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Credit Grade								
RISK CATEGORY	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
2A	1,245	\$174,916,462.11	20.48	354	38.56	7.748	583	81.08
3A	569	84,437,453.05	9.89	352	39.78	7.473	614	81.69
4A	437	65,328,362.92	7.65	350	38.76	7.250	633	81.99
5A	353	50,051,228.93	5.86	346	38.31	7.079	650	79.66
6A	282	43,586,364.16	5.10	344	37.33	6.855	669	79.77
7A	246	39,090,007.71	4.58	340	38.28	6.800	694	81.44
8A	264	42,316,262.66	4.95	340	37.37	6.503	739	77.57
A	393	55,599,202.52	6.51	355	38.26	8.427	578	80.62
B	1,563	207,808,472.43	24.33	354	40.90	8.819	544	75.92
C	642	80,947,109.27	9.48	354	40.38	8.859	537	70.57
D	84	10,046,860.10	1.18	356	39.41	9.211	528	58.52
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

Property Type								
PROPERTY TYPE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Single Family Detached	5,199	\$714,856,712.84	83.69	351	39.22	7.934	594	78.69
Two-to Four-Family	290	59,701,951.09	6.99	355	39.95	7.762	621	74.64
PUD Detached	227	33,825,462.31	3.96	355	39.62	8.049	586	79.99
Condominium	164	25,513,666.32	2.99	356	39.41	7.451	600	78.26
Manufactured/Mobile Home	122	11,351,110.33	1.33	348	37.73	8.383	614	71.13
Single Family Attached	52	5,385,769.75	0.63	347	38.67	8.367	610	78.99
PUD Attached	24	3,493,113.22	0.41	354	40.93	7.723	593	80.58
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Prepayment Charge Term at Origination

PREPAYMENT CHARGE TERM AT ORIGINATION (months)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT- TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
0	1,670	\$222,074,637.52	26.00	351	39.46	8.566	590	78.14
12	402	74,966,729.74	8.78	349	39.53	7.411	626	74.44
24	41	7,541,739.88	0.88	359	39.89	7.308	601	81.30
30	7	1,127,997.14	0.13	358	39.33	8.207	587	84.45
36	3,958	548,416,681.58	64.21	352	39.16	7.736	595	78.92
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

Conforming Balance

CONFORMING BALANCE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Conforming Balance	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35
Total:	6,078	\$854,127,785.86	100.00	351	39.28	7.920	596	78.35

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Maximum Mortgage Rates of the Adjustable-Rate Loans

RANGE OF MAXIMUM MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
11.000 - 11.499	6	\$1,111,618.81	0.16	359	38.20	5.412	692	66.35
11.500 - 11.999	158	33,011,755.48	4.83	354	37.96	5.858	652	78.81
12.000 - 12.499	215	40,974,170.99	6.00	355	38.00	6.266	628	80.77
12.500 - 12.999	653	113,613,566.12	16.63	356	37.93	6.799	609	80.43
13.000 - 13.499	393	67,132,323.88	9.82	357	39.83	7.251	585	78.68
13.500 - 13.999	932	139,692,728.73	20.44	356	39.70	7.775	575	77.81
14.000 - 14.499	376	53,343,756.65	7.81	356	39.69	8.258	565	78.58
14.500 - 14.999	817	105,552,108.94	15.45	355	40.21	8.765	563	79.17
15.000 - 15.499	259	30,711,716.86	4.49	355	40.58	9.259	556	77.21
15.500 - 15.999	482	54,932,443.79	8.04	355	40.93	9.757	552	78.17
16.000 - 16.499	139	15,342,564.08	2.25	354	39.83	10.248	550	78.39
16.500 - 16.999	153	16,414,166.20	2.40	357	41.41	10.734	550	78.89
17.000 - 17.499	42	4,375,321.39	0.64	353	40.31	11.242	557	79.27
17.500 - 17.999	39	3,444,879.67	0.50	358	39.72	11.779	540	77.17
18.000 - 18.499	15	1,953,794.46	0.29	358	39.73	12.295	542	78.50
18.500 - 18.999	11	1,696,907.22	0.25	357	41.71	12.779	532	76.43
Total:	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Minimum Mortgage Rates of the Adjustable-Rate Loans

RANGE OF MINIMUM MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
5.000 - 5.499	6	\$1,111,618.81	0.16	359	38.20	5.412	692	66.35
5.500 - 5.999	158	33,011,755.48	4.83	354	37.96	5.858	652	78.81
6.000 - 6.499	215	40,974,170.99	6.00	355	38.00	6.266	628	80.77
6.500 - 6.999	653	113,613,566.12	16.63	356	37.93	6.799	609	80.43
7.000 - 7.499	393	67,132,323.88	9.82	357	39.83	7.251	585	78.68
7.500 - 7.999	932	139,692,728.73	20.44	356	39.70	7.775	575	77.81
8.000 - 8.499	376	53,343,756.65	7.81	356	39.69	8.258	565	78.58
8.500 - 8.999	817	105,552,108.94	15.45	355	40.21	8.765	563	79.17
9.000 - 9.499	259	30,711,716.86	4.49	355	40.58	9.259	556	77.21
9.500 - 9.999	482	54,932,443.79	8.04	355	40.93	9.757	552	78.17
10.000 - 10.499	139	15,342,564.08	2.25	354	39.83	10.248	550	78.39
10.500 - 10.999	153	16,414,166.20	2.40	357	41.41	10.734	550	78.89
11.000 - 11.499	42	4,375,321.39	0.64	353	40.31	11.242	557	79.27
11.500 - 11.999	39	3,444,879.67	0.50	358	39.72	11.779	540	77.17
12.000 - 12.499	15	1,953,794.46	0.29	358	39.73	12.295	542	78.50
12.500 or greater	11	1,696,907.22	0.25	357	41.71	12.779	532	76.43
Total:	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Margins of the Adjustable-Rate Loans

RANGE OF MORTGAGE MARGINS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
3.499 or less	1	\$117,235.25	0.02	359	47.00	8.950	566	85.00
4.000 - 4.249	1	132,876.21	0.02	359	40.00	6.350	765	95.00
4.500 - 4.749	7	1,442,766.36	0.21	319	43.76	7.857	661	86.32
4.750 - 4.999	82	14,430,714.86	2.11	356	38.83	6.797	729	85.35
5.000 - 5.249	84	16,264,853.60	2.38	355	38.92	6.993	687	86.90
5.250 - 5.499	114	20,049,079.30	2.93	356	37.75	6.687	664	81.91
5.500 - 5.749	204	33,195,439.39	4.86	354	38.04	6.977	644	81.70
5.750 - 5.999	371	62,087,928.27	9.09	356	38.90	7.124	619	82.71
6.000 - 6.249	1,476	220,215,439.55	32.23	356	39.12	7.591	589	81.65
6.250 - 6.499	395	57,083,870.74	8.35	356	38.13	8.426	569	78.74
6.500 - 6.749	1,406	188,646,287.58	27.61	356	40.83	8.776	543	75.79
6.750 - 6.999	549	69,637,332.16	10.19	355	40.12	8.832	529	69.29
Total:	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP I COLLATERAL

Next Rate Adjustment Date of the Adjustable-Rate Loans

NEXT RATE ADJUSTMENT DATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
October 2005	15	\$1,620,566.67	0.24	353	41.48	9.606	570	72.11
November 2005	239	34,046,218.59	4.98	353	40.67	8.664	585	79.52
December 2005	52	6,933,618.74	1.01	349	42.22	8.812	579	80.67
January 2006	102	13,721,729.30	2.01	347	39.66	8.704	577	79.25
February 2006	63	8,044,744.79	1.18	357	39.78	8.320	580	79.13
March 2006	215	29,177,560.42	4.27	353	40.10	7.921	586	79.54
April 2006	3,993	588,234,643.76	86.09	356	39.37	7.914	581	78.76
May 2006	11	1,524,741.00	0.22	351	33.87	7.933	565	79.43
Total:	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85

Initial Periodic Rate Cap of the Adjustable-Rate Loans

INITIAL PERIODIC RATE CAP (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
2.000	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85
Total:	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85

Subsequent Periodic Rate Cap of the Adjustable-Rate Loans

SUBSEQUENT PERIODIC RATE CAP (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
1.000	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85
Total:	4,690	\$683,303,823.27	100.00	356	39.50	7.985	582	78.85

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Collateral Summary

Statistics given below are for the Mortgage Loans in the pool as of the Collateral Selection Date. Balances and percentages are based on the Cut-Off Date scheduled balances of such Mortgage Loans (except in the case of Debt-to-Income and FICO, which are determined at origination).

	<u>Summary Statistics</u>	<u>Range (if applicable)</u>
Number of Mortgage Loans:	379	
Aggregate Current Principal Balance:	\$145,872,244.47	
Average Current Principal Balance:	\$384,887.19	\$58,131.43 - \$599,710.03
Aggregate Original Principal Balance:	\$146,043,776.00	
Average Original Principal Balance:	\$385,339.78	\$60,000.00 - \$600,000.00
Fully Amortizing Mortgage Loans:	100.00%	
1st Lien:	100.00%	
Wtd. Avg. Gross Coupon:	7.330%	5.350% - 13.990%
Wtd. Avg. Original Term (months):	357	120 - 360
Wtd. Avg. Remaining Term (months):	356	119 - 359
Wtd. Avg. Margin (ARM Loans Only):	5.896%	3.301% - 6.750%
Wtd. Avg. Maximum Mortgage Rate (ARM Loans Only):	13.387%	11.350% - 19.990%
Wtd. Avg. Minimum Mortgage Rate (ARM Loans Only):	7.387%	5.350% - 13.990%
Wtd. Avg. Original LTV:	80.48%	18.43% - 95.00%
Wtd. Avg. Borrower FICO:	618	500 - 810
Geographic Distribution (Top 5):	CA 44.56%	
	NY 9.44%	
	MA 7.55%	
	FL 6.68%	
	WA 4.07%	

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Collateral Type								
COLLATERAL TYPE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Fixed Rate	107	\$29,176,057.72	20.00	343	42.09	7.103	662	78.03
ARM - 2 Year/6 Month	272	116,696,186.75	80.00	359	40.92	7.387	607	81.10
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

Principal Balances at Origination								
RANGE OF PRINCIPAL BALANCES AT ORIGINATION (\$)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF ORIGINATION	% OF PRINCIPAL BALANCE AS OF ORIGINATION	REMAINING TERM TO MATURITY (months)*	DEBT-TO-INCOME (%)*	MORTGAGE RATES (%)*	FICO*	OLTV (%)*
50,000.01 - 100,000.00	28	\$2,107,243.00	1.44	303	38.00	7.936	654	69.42
100,000.01 - 150,000.00	18	2,203,809.00	1.51	331	39.75	7.470	664	81.85
150,000.01 - 200,000.00	4	735,000.00	0.50	355	32.87	10.743	576	65.95
200,000.01 - 250,000.00	2	442,000.00	0.30	357	42.70	6.757	642	75.25
250,000.01 - 300,000.00	1	276,250.00	0.19	239	48.00	6.750	617	85.00
300,000.01 - 350,000.00	49	16,783,367.00	11.49	359	43.64	7.232	616	80.98
350,000.01 - 400,000.00	100	37,091,587.00	25.40	356	42.51	7.245	612	81.06
400,000.01 - 450,000.00	66	28,108,525.00	19.25	354	41.96	7.432	615	79.53
450,000.01 - 500,000.00	43	20,486,422.00	14.03	358	42.98	7.396	609	80.75
500,000.01 - 550,000.00	32	16,783,300.00	11.49	359	38.29	7.493	622	82.29
550,000.01 - 600,000.00	36	21,026,273.00	14.40	359	36.80	7.052	634	80.16
Total:	379	\$146,043,776.00	100.00	356	41.15	7.330	618	80.48

* Based on the original balances of the Mortgage Loans.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Principal Balances as of the Cut-Off Date

RANGE OF CUT-OFF DATE PRINCIPAL BALANCES (\$)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
50,000.01 - 100,000.00	28	\$2,098,436.10	1.44	303	38.00	7.938	654	69.39
100,000.01 - 150,000.00	18	2,199,763.01	1.51	331	39.75	7.471	664	81.86
150,000.01 - 200,000.00	4	733,423.75	0.50	355	32.87	10.747	576	65.97
200,000.01 - 250,000.00	2	440,654.81	0.30	357	42.69	6.758	642	75.26
250,000.01 - 300,000.00	1	275,703.40	0.19	239	48.00	6.750	617	85.00
300,000.01 - 350,000.00	50	17,117,215.12	11.73	359	43.77	7.223	617	81.17
350,000.01 - 400,000.00	100	37,102,687.52	25.44	355	42.36	7.231	614	80.36
400,000.01 - 450,000.00	65	27,670,302.25	18.97	356	42.06	7.461	612	80.34
450,000.01 - 500,000.00	43	20,459,936.57	14.03	358	42.99	7.396	609	80.75
500,000.01 - 550,000.00	32	16,765,684.83	11.49	359	38.29	7.493	622	82.29
550,000.01 - 600,000.00	36	21,008,437.11	14.40	359	36.80	7.052	634	80.16
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

Remaining Term to Maturity

RANGE OF MONTHS REMAINING	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
61 - 120	1	\$64,644.50	0.04	119	47.00	7.990	612	22.41
121 - 180	9	1,364,507.63	0.94	178	37.66	8.218	652	79.45
181 - 240	8	1,465,441.93	1.00	238	38.99	6.786	701	63.68
241 - 300	1	59,938.93	0.04	299	32.00	8.200	631	75.00
301 - 360	360	142,917,711.48	97.97	359	41.21	7.327	617	80.69
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Mortgage Rate								
RANGE OF GROSS INTEREST RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
5.000 - 5.499	2	\$764,705.64	0.52	359	44.02	5.350	681	84.93
5.500 - 5.999	39	16,843,339.68	11.55	356	36.88	5.867	678	76.58
6.000 - 6.499	51	21,077,158.43	14.45	356	41.82	6.249	641	82.55
6.500 - 6.999	91	35,076,538.96	24.05	355	42.27	6.749	631	80.77
7.000 - 7.499	41	15,642,011.88	10.72	356	40.30	7.241	604	81.04
7.500 - 7.999	74	26,839,004.57	18.40	357	40.30	7.791	603	81.96
8.000 - 8.499	15	4,955,215.80	3.40	358	45.93	8.258	592	82.34
8.500 - 8.999	26	10,083,677.93	6.91	357	44.96	8.751	560	77.15
9.000 - 9.499	10	3,885,860.98	2.66	356	41.66	9.276	598	84.12
9.500 - 9.999	18	7,287,294.38	5.00	357	41.24	9.773	571	76.94
10.000 - 10.499	2	145,439.24	0.10	359	23.58	10.271	578	75.40
10.500 - 10.999	4	1,496,924.47	1.03	301	40.24	10.612	551	77.17
11.000 - 11.499	1	67,455.18	0.05	358	44.00	11.350	503	75.00
11.500 - 11.999	2	1,000,696.03	0.69	359	35.58	11.737	559	84.13
12.500 - 12.999	1	348,371.80	0.24	359	42.00	12.600	530	84.99
13.000 or greater	2	358,549.50	0.25	354	32.21	13.541	527	72.61
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Original Loan-to-Value Ratios

RANGE OF ORIGINAL LOAN-TO-VALUE RATIOS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLT V (%)
25.00 or less	3	\$541,812.07	0.37	240	37.01	6.171	767	22.75
25.01 - 30.00	1	384,516.09	0.26	359	35.00	5.990	750	28.94
30.01 - 35.00	2	464,372.92	0.32	358	32.37	7.371	566	30.43
35.01 - 40.00	1	84,923.16	0.06	359	43.00	6.500	692	37.73
45.01 - 50.00	3	716,954.22	0.49	335	34.11	7.508	595	48.08
50.01 - 55.00	4	1,355,348.41	0.93	359	39.37	6.914	637	52.24
55.01 - 60.00	10	4,104,713.04	2.81	359	38.47	7.163	621	58.30
60.01 - 65.00	12	4,282,504.81	2.94	352	42.91	7.420	613	63.43
65.01 - 70.00	23	8,262,784.39	5.66	351	40.66	7.775	584	68.32
70.01 - 75.00	53	20,843,365.13	14.29	357	41.25	7.661	587	74.16
75.01 - 80.00	53	19,971,471.54	13.69	356	41.67	7.216	616	78.70
80.01 - 85.00	75	30,721,953.39	21.06	358	40.50	7.289	613	83.50
85.01 - 90.00	132	51,443,499.39	35.27	355	41.77	7.254	636	89.09
90.01 - 95.00	7	2,694,025.91	1.85	359	40.83	6.896	666	93.84
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

FICO Score at Origination

RANGE OF FICO SCORES	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
500 - 519	11	\$4,196,382.38	2.88	358	43.24	9.190	509	68.72
520 - 539	23	9,625,827.96	6.60	359	39.12	8.556	530	73.23
540 - 559	33	13,603,980.73	9.33	359	43.01	8.173	551	77.30
560 - 579	23	8,916,052.94	6.11	359	43.14	8.071	566	81.26
580 - 599	37	15,425,929.21	10.57	357	41.25	7.653	590	80.69
600 - 619	59	22,881,795.80	15.69	353	40.47	7.121	610	82.64
620 - 639	50	20,824,245.73	14.28	358	44.01	7.039	629	83.79
640 - 659	48	17,108,636.41	11.73	356	37.80	7.097	649	83.72
660 - 679	39	12,699,717.26	8.71	349	41.99	6.517	669	81.31
680 - 699	28	10,085,153.34	6.91	353	40.82	6.565	690	80.15
700 - 719	13	5,275,113.69	3.62	356	41.61	6.521	709	82.30
720 - 739	4	1,763,878.69	1.21	359	37.30	6.463	729	84.52
740 - 759	6	1,842,398.27	1.26	353	39.72	6.514	752	72.68
760 - 779	3	780,385.63	0.53	345	18.66	6.055	762	82.56
780 - 799	1	443,527.57	0.30	359	40.00	5.650	797	59.20
800 - 819	1	399,218.86	0.27	237	35.00	5.500	810	23.65
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Debt-to-Income Ratio

RANGE OF DEBT-TO-INCOME RATIOS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
20.00 or less	19	\$8,296,530.49	5.69	359	15.50	7.286	615	80.54
20.01 - 25.00	9	3,878,256.16	2.66	336	23.55	7.504	608	80.66
25.01 - 30.00	28	9,927,100.96	6.81	357	27.94	7.370	634	83.66
30.01 - 35.00	43	16,077,692.45	11.02	355	33.09	7.182	623	74.38
35.01 - 40.00	48	16,765,066.07	11.49	352	38.39	7.146	626	80.79
40.01 - 45.00	66	24,954,483.72	17.11	358	43.12	7.329	620	79.15
45.01 - 50.00	130	51,497,267.62	35.30	356	48.28	7.307	623	82.36
50.01 - 55.00	36	14,475,847.00	9.92	359	53.02	7.744	576	80.25
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

Geographic Distribution

STATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
California	158	\$64,995,023.96	44.56	357	41.90	6.962	626	80.93
New York	37	13,764,479.18	9.44	349	42.75	7.874	607	75.53
Massachusetts	27	11,006,931.28	7.55	358	41.16	7.453	611	76.15
Florida	27	9,751,048.15	6.68	354	42.52	7.772	623	81.96
Washington	14	5,933,390.00	4.07	358	36.02	7.423	623	78.48
Maryland	14	5,844,498.26	4.01	359	46.22	7.306	599	85.79
Colorado	11	4,659,897.97	3.19	359	37.20	7.427	612	83.03
Illinois	9	3,524,399.57	2.42	356	36.57	7.787	577	76.03
Connecticut	9	3,141,020.52	2.15	348	45.98	7.161	624	79.22
Michigan	11	3,101,754.85	2.13	359	42.86	7.963	576	79.02
Minnesota	8	2,947,325.21	2.02	357	35.44	6.894	623	81.31
Texas	8	2,463,331.56	1.69	352	37.27	7.523	617	79.79
Nevada	3	1,592,789.59	1.09	359	38.77	7.412	623	83.98
Pennsylvania	3	1,280,345.67	0.88	359	50.63	6.787	633	85.20
Ohio	5	1,257,231.99	0.86	350	32.80	6.609	632	81.20
Wisconsin	4	1,236,589.82	0.85	359	31.81	8.326	611	88.28
North Carolina	2	999,520.88	0.69	359	26.01	7.471	702	86.35
Tennessee	4	869,285.82	0.60	341	46.32	8.485	622	88.97
Missouri	2	768,932.02	0.53	359	49.09	7.532	605	90.00
Hawaii	2	741,415.53	0.51	359	43.19	7.203	619	83.44
Maine	2	730,330.78	0.50	359	47.59	8.823	612	84.40
New Jersey	2	726,071.50	0.50	355	17.84	11.022	506	75.00
Georgia	1	599,483.41	0.41	359	38.00	6.750	618	82.76
South Carolina	1	539,717.10	0.37	359	43.00	9.200	622	90.00
Oklahoma	1	539,599.24	0.37	359	24.00	7.500	572	89.70
Delaware	2	483,835.58	0.33	358	43.24	6.351	600	77.04
Idaho	1	430,778.06	0.30	179	24.00	10.750	600	89.95
Arizona	1	419,745.56	0.29	359	52.00	8.500	549	78.51
Utah	1	354,000.27	0.24	354	30.00	7.850	646	90.00
Montana	1	340,466.35	0.23	358	50.00	7.250	625	90.00
Rhode Island	1	336,752.38	0.23	359	49.00	7.550	702	89.87

* Geographic Distribution continued on the next page.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Geographic Distribution (Continued)

STATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Alabama	3	235,498.03	0.16	313	36.46	7.442	699	75.70
Louisiana	1	67,865.45	0.05	239	37.00	6.750	671	89.95
Nebraska	1	67,455.18	0.05	358	44.00	11.350	503	75.00
Indiana	1	61,458.65	0.04	359	30.00	7.990	610	72.35
Arkansas	1	59,975.10	0.04	359	13.00	10.300	642	68.97
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Occupancy Status

OCCUPANCY STATUS*	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Owner Occupied	359	\$139,445,754.08	95.59	356	41.37	7.321	617	80.65
Non-Owner Occupied	16	5,152,577.25	3.53	355	32.74	7.702	648	76.69
Second Home	4	1,273,913.14	0.87	359	51.24	6.828	686	77.33
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

* Based on mortgagor representation at origination.

Documentation Type

INCOME DOCUMENTATION	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Full Documentation	249	\$94,762,081.80	64.96	356	40.59	7.276	617	80.93
Limited Documentation	68	26,839,685.67	18.40	357	41.43	7.501	605	81.83
Stated Documentation	62	24,270,477.00	16.64	354	43.04	7.353	638	77.23
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

Loan Purpose

PURPOSE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Refinance - Cashout**	362	\$138,280,361.74	94.80	355	41.19	7.352	618	80.60
Refinance - Rate Term***	16	7,177,296.66	4.92	357	39.92	6.985	629	78.27
Purchase	1	414,586.07	0.28	359	50.00	5.990	670	80.58
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

** Cash proceeds to the borrower inclusive of debt consolidation payments exceed 2% or \$2,000 of the original principal balance of the related loan. Also includes all home equity loans originated in Texas with any cash proceeds.

*** Cash proceeds to the borrower inclusive of debt consolidation payments do not exceed 2% or \$2,000 of the original principal balance of the related loan. Excludes home equity loans originated in Texas with any cash proceeds.

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Credit Grade								
RISK CATEGORY	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
2A	70	\$28,760,151.26	19.72	355	40.90	7.552	591	82.09
3A	50	19,027,242.23	13.04	356	41.26	6.939	614	82.09
4A	44	18,687,926.46	12.81	358	44.08	6.978	629	84.55
5A	38	13,838,173.10	9.49	358	36.90	6.982	650	85.37
6A	39	12,699,717.26	8.71	349	41.99	6.517	669	81.31
7A	32	12,251,787.31	8.40	354	41.85	6.495	694	80.46
8A	22	7,562,971.60	5.18	348	35.67	6.358	741	76.02
A	14	6,236,935.10	4.28	359	42.47	8.025	572	79.77
B	41	15,935,323.25	10.92	359	41.71	8.552	546	75.91
C	25	9,172,889.49	6.29	357	41.99	8.863	545	72.15
D	4	1,699,127.41	1.16	358	44.92	8.815	524	54.92
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

Property Type								
PROPERTY TYPE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Single Family Detached	322	\$124,494,702.55	85.35	356	41.13	7.335	616	80.48
PUD Detached	25	10,687,148.75	7.33	359	40.96	6.961	634	81.50
Condominium	14	5,672,698.61	3.89	353	40.72	7.377	646	81.48
Two-to Four-Family	11	3,602,254.86	2.47	353	41.84	8.346	599	76.64
PUD Attached	2	780,763.72	0.54	356	47.31	6.784	674	90.00
Manufactured/Mobile Home	4	570,031.48	0.39	334	39.47	6.939	609	70.10
Single Family Attached	1	64,644.50	0.04	119	47.00	7.990	612	22.41
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Prepayment Charge Term at Origination

PREPAYMENT CHARGE TERM AT ORIGINATION (months)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
0	94	\$39,354,338.22	26.98	358	39.77	8.008	605	79.97
12	37	13,599,257.96	9.32	350	41.60	6.911	631	81.90
24	4	1,641,528.76	1.13	359	45.57	7.118	612	87.36
30	1	599,384.36	0.41	359	12.00	5.850	760	83.92
36	243	90,677,735.17	62.16	355	41.80	7.113	621	80.35
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

Conforming Balance

CONFORMING BALANCE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
Conforming Balance	53	\$5,747,981.07	3.94	322	38.85	7.970	645	74.92
Non-Conforming Balance	326	140,124,263.40	96.06	357	41.24	7.304	617	80.71
Total:	379	\$145,872,244.47	100.00	356	41.15	7.330	618	80.48

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.

DESCRIPTION OF THE GROUP II COLLATERAL

Maximum Mortgage Rates of the Adjustable-Rate Loans

RANGE OF MAXIMUM MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
11.000 - 11.499	2	\$764,705.64	0.66	359	44.02	5.350	681	84.93
11.500 - 11.999	30	13,669,889.51	11.71	359	36.40	5.874	667	80.85
12.000 - 12.499	36	15,221,764.81	13.04	359	40.23	6.241	625	82.70
12.500 - 12.999	63	26,939,248.76	23.08	359	42.37	6.766	619	82.12
13.000 - 13.499	28	12,155,641.62	10.42	358	39.97	7.231	593	80.53
13.500 - 13.999	52	21,873,204.71	18.74	359	40.21	7.804	595	81.42
14.000 - 14.499	10	4,154,052.37	3.56	359	46.42	8.265	586	84.26
14.500 - 14.999	20	8,704,844.41	7.46	359	44.26	8.747	555	76.69
15.000 - 15.499	9	3,826,809.20	3.28	359	41.92	9.276	598	84.04
15.500 - 15.999	16	7,035,172.45	6.03	358	41.46	9.777	571	77.04
16.500 - 16.999	2	991,607.74	0.85	359	47.39	10.523	523	71.78
17.500 - 17.999	2	1,000,696.03	0.86	359	35.58	11.737	559	84.13
19.000 - 19.499	1	171,260.91	0.15	354	39.00	13.050	551	70.00
19.500 - 19.999	1	187,288.59	0.16	354	26.00	13.990	505	75.00
Total:	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Minimum Mortgage Rates of the Adjustable-Rate Loans

RANGE OF MINIMUM MORTGAGE RATES (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT- OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT- TO- INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
5.000 – 5.499	2	\$764,705.64	0.66	359	44.02	5.350	681	84.93
5.500 – 5.999	30	13,669,889.51	11.71	359	36.40	5.874	667	80.85
6.000 – 6.499	36	15,221,764.81	13.04	359	40.23	6.241	625	82.70
6.500 – 6.999	63	26,939,248.76	23.08	359	42.37	6.766	619	82.12
7.000 – 7.499	28	12,155,641.62	10.42	358	39.97	7.231	593	80.53
7.500 – 7.999	52	21,873,204.71	18.74	359	40.21	7.804	595	81.42
8.000 – 8.499	10	4,154,052.37	3.56	359	46.42	8.265	586	84.26
8.500 – 8.999	20	8,704,844.41	7.46	359	44.26	8.747	555	76.69
9.000 – 9.499	9	3,826,809.20	3.28	359	41.92	9.276	598	84.04
9.500 – 9.999	16	7,035,172.45	6.03	358	41.46	9.777	571	77.04
10.500 – 10.999	2	991,607.74	0.85	359	47.39	10.523	523	71.78
11.500 – 11.999	2	1,000,696.03	0.86	359	35.58	11.737	559	84.13
12.500 or greater	2	358,549.50	0.31	354	32.21	13.541	527	72.61
Total:	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Margins of the Adjustable-Rate Loans

RANGE OF MORTGAGE MARGINS (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
3.499 or less	1	\$542,301.25	0.46	359	16.00	7.550	653	90.00
4.750 - 4.999	13	6,118,554.97	5.24	359	35.13	6.409	727	84.38
5.000 - 5.249	13	5,186,525.19	4.44	358	40.77	6.619	685	87.12
5.250 - 5.499	14	6,338,263.60	5.43	358	40.30	6.418	665	83.32
5.500 - 5.749	24	10,447,392.47	8.95	358	36.57	6.829	645	83.95
5.750 - 5.999	44	19,119,941.03	16.38	359	43.76	6.944	624	83.99
6.000 - 6.249	92	39,172,380.03	33.57	359	41.29	7.315	596	82.51
6.250 - 6.499	13	5,896,135.21	5.05	359	40.47	7.956	566	78.33
6.500 - 6.749	35	14,165,178.10	12.14	359	42.24	8.546	545	75.37
6.750 - 6.999	23	9,709,514.90	8.32	358	42.31	8.767	539	69.39
Total:	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

DESCRIPTION OF THE GROUP II COLLATERAL

Next Rate Adjustment Date of the Adjustable-Rate Loans

NEXT RATE ADJUSTMENT DATE	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
November 2005	13	\$5,068,847.72	4.34	354	36.48	8.016	625	86.27
December 2005	3	1,475,554.94	1.26	355	36.78	9.843	524	69.42
February 2006	5	2,301,847.96	1.97	357	34.38	8.122	603	79.19
March 2006	8	3,321,163.76	2.85	358	43.61	7.930	587	76.43
April 2006	243	104,528,772.37	89.57	359	41.25	7.289	609	81.20
Total:	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10

Initial Periodic Rate Cap of the Adjustable-Rate Loans

INITIAL PERIODIC RATE CAP (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
2.000	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10
Total:	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10

Subsequent Periodic Rate Cap of the Adjustable-Rate Loans

SUBSEQUENT PERIODIC RATE CAP (%)	NUMBER OF MORTGAGE LOANS	PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	% OF PRINCIPAL BALANCE AS OF THE CUT-OFF DATE	REMAINING TERM TO MATURITY (months)	DEBT-TO-INCOME (%)	MORTGAGE RATES (%)	FICO	OLTV (%)
1.000	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10
Total:	272	\$116,696,186.75	100.00	359	40.92	7.387	607	81.10

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.



Ameriquest Mortgage Securities Inc. Asset-Backed Pass-Through Certificates, Series 2004-R4

FOR ADDITIONAL INFORMATION PLEASE CALL:

Morgan Stanley

Structured Finance

Valerie Kay	212-761-2154
Frank Telesca	212-761-1105
Forchi Chen	212-761-2154
Ryan Feeney	212-761-4246

Capital Markets / Trading

Rick Onkey	212-761-2122
Jay Hallik	212-761-2252
Vanessa Vanacker	212-761-2016

Rating Agency Contacts

Standard & Poor's

Venkat Veerubhotla	212-438-6612
--------------------	--------------

Moody's

Dhruv Mohindra	212-553-4143
----------------	--------------

Fitch

Stephen Lei	212-908-0778
-------------	--------------

This information is being delivered to a specific number of prospective sophisticated investors in order to assist them in determining whether they have an interest in the type of security described herein. It has been prepared solely for information purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. This material is based on information that Morgan Stanley & Co. Incorporated ("Morgan Stanley") considers reliable. Morgan Stanley makes no representation or warranty with respect to the accuracy or completeness of the information, or with respect to the terms of any future offer of securities conforming to the terms hereof. Any such offer of securities would be made pursuant to a definitive Prospectus or Private Placement Memorandum, as the case may be, prepared by the issuer which could contain material information not contained herein and to which the prospective purchasers are referred. In the event of any such offering, this information shall be deemed superseded, amended and supplemented in its entirety by such Prospectus or Private Placement Memorandum. Such Prospectus or Private Placement Memorandum will contain all material information in respect of any securities offered thereby and any decision to invest in such securities should be made solely in reliance upon such Prospectus or Private Placement Memorandum. The information contained herein may be based on certain assumptions regarding market conditions and other matters and is therefore subject to change. We make no representations regarding the reasonableness of such assumptions or the likelihood that any of such assumptions will coincide with actual market conditions or events, and this material should not be relied on for such purposes. No representation is made that any returns indicated will be achieved. Changes to the assumptions may have a material impact on any returns detailed. Morgan Stanley disclaims any and all liability relating to this information, including without limitation any express or implied representations or warranties for, statements contained in, and omissions from the information contained herein. Additional information is available upon request. Morgan Stanley and others associated with it may have positions in, and may effect transactions in, securities and instruments of issuers mentioned herein and may also perform or seek to perform investment banking services for the issuers of such securities and instruments. Past performance is not necessarily indicative of future results. Price and availability are subject to change without notice. Information contained in this material is current as of the date appearing on this material only. Information in this material regarding any assets backing any securities discussed herein supercedes all prior information regarding such assets. Morgan Stanley is acting as the co-underwriter and not acting as agent for the issuer or its affiliates in connection with the proposed transaction. To our readers worldwide: In addition, please note that this publication has been issued by Morgan Stanley, approved by Morgan Stanley International Limited, a member of The Securities and Futures Authority, and by Morgan Stanley Japan Ltd. We recommend that such investors obtain the advice of their Morgan Stanley, Morgan Stanley International or Morgan Stanley Japan Ltd. representative about the investments concerned. NOT FOR DISTRIBUTION TO PRIVATE CUSTOMERS AS DEFINED BY THE U.K. SECURITIES AND FUTURES AUTHORITY.