

**Consolidated Disclosure File Production Version 2.2**

**Effective for New Issuance Disclosure  
beginning with December 2017 New Issuances**

**Effective for Monthly Consolidated Disclosure File distributed 6<sup>th</sup> business day of  
January 2018 (December 2017 Reporting Month).**

**See Version History for details.**

Ginnie Mae Consolidated Disclosure File Version 2.1

Document Version	History
Version 1.0	<p>Dated 1/1/2012 The following record types and/or fields are not implemented in this version:</p> <ol style="list-style-type: none"> <li>1. Record Type “P”</li> <li>2. CLTV Data Field in the “D” Record</li> <li>3. LTV in the Daily Weekly Production for the “D” Record</li> <li>4. Debt Expense data in the “U” Record</li> <li>5. Refinance Type data in the “U” Record</li> </ol>
Version 1.1	<p><i>Dated 5/30/2012</i> Final Version for Implementation September 2012.</p> <ol style="list-style-type: none"> <li>1. Existing Filler area Record Type D used to add Pool UPB and Weighted Average Original Loan Size; record length remains the same and all existing data items remain the same</li> <li>2. Adds a new Record Type L record for multi issuer pools, delinquency by issuer</li> <li>3. Adds a new Record Type F for FHA mortgage insurance premium data; first time home buyer data; and type of originator data</li> <li>4. No changes to Record Types I, M, O, P, R, S, V, and U</li> </ol> <p><i>Dated 6/8/2012</i> Final Version updated for the following changes: New F record updated to reduce the amount of filler, changing the overall record length of the F record from 957 to 889.</p> <p><i>Dated 8/16/2012</i> Added introductory text to clarify which records will be populated in the New Issuances file and in the Monthly file; Version Number and date of 06/08/2012 remain unchanged.</p>
Version 1.2	<p>Dated 10/4/2012 Reallocated the existing filler area in the F Record, beginning at position 696 to add more MIP information; overall length of F record remains the same.</p> <p>Version 1.2 is scheduled for production implementation February 2013.</p>
Version 1.3	<p>Changes the F Record in Version 1.2</p> <p>Adds six new FHA Annual Mortgage Insurance Premium rates to the “F” Record. These changes are the result of FHA Mortgagee Letter 2013-04. No other changes to the layout.</p> <p>Version 1.3 is scheduled for Production Release Effective July 2013 for July new issuance (Daily/Weekly); and for July Monthly file published 6<sup>th</sup> Business Day of August.</p>
Version 2.0	<p>Dated 12/8/2014 This is Version 1.3 with the following changes:</p> <ol style="list-style-type: none"> <li>1. Record Type “D”, Field 6: Field name renamed from “Pool Interest Rate (Security Interest Rate) to “Security Interest Rate”. No change to the field definition or data.</li> <li>2. Record Type “D”, Fields 16-21 and Field 82: Field Length expanded from 9(6)v9(2) to 9(8)v9(2) for each field.</li> </ol>

	<p>3. Record Type “D”, New Field 83: Look-Back Period.</p> <p>4. Record Type “D”: Begin and End values for Items 16-85 are adjusted. The Total Record Length remains unchanged at 635.</p> <p>5. Record Type “P”, Fields 17-22: Field Length expanded from 9(6)v9(2) to 9(8)v9(2) for each field. (Begin and End values for Items 17-27 are adjusted. Total Record length expanded from 153 to 165.)</p> <p>6. Record Type “F”, New Fields 127-138: 3 new sets of Upfront MIP Rates and 1 new set of Annual MIP Rates added. (“As-of Date” remains as the last item in the record. The Total Record Length remains unchanged at 1469.)</p> <p>7. New Record Type “X”, for Transfer Activity.</p>
Version 2.1	<p>Dated 3/2/2015 This is Version 2.0 with the following changes: Addition of 3 new FHA Annual Mortgage Insurance Premium rates to the “F” Record. These changes are the result of FHA Mortgagee Letter 2015-01. Total length of the “F” Record remains unchanged. There are no other changes to the layout.</p> <p>Version 2.1 is scheduled for Production Release Effective April 2015 for April New Issuance (Daily/Weekly) and for April Monthly file published 6<sup>th</sup> Business Day of May.</p>
Version 2.2	<p>Dated 12/1/2017 This is Version 2.1 with the following changes:</p> <ol style="list-style-type: none"> <li>1. New Record Type “N” for ARM Pool Data (Effective December 2017 New Issuances and December MBS Monthly (Portfolio), published on the 6<sup>th</sup> Business Day of January 2018).</li> <li>2. Correct layout error, “D” Record field 46, WAGM. The name for the Data Item “AR pool type only” is incorrect; it has been corrected to “ARM pools only”. There is no change to the WAGM field data, just a layout Data Item name correction.</li> <li>3. Update the instruction on the “X” Record: Beginning with December 2017, Pools Issued for Immediate Transfer, or PIIT Pools, can be disclosed on the New Issuances files. Previous to this, there were no pool transfers, “X” Records, on New Issuances files.</li> </ol>

**Summary of the Record Types in the file. All records/fields are fixed length.**

**Sort Order of the File—Sorted by Pool, and Record Type. All record types for a pool occur together in the file; then the next pool with its record types; and so on.**

<b>Record Type</b>	<b>Short Description</b>	<b>Occurs in the File</b>
<b>D</b>	Pool Detail Record	One Record Per Pool
<b>I</b>	Multi Issuer Record	Only for Multi Issuer Pools--Can be multiple records; one record for each issuer in a multi issuer pool

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<b>M</b>	MSA Record	One Record Per Pool
<b>O</b>	Origination Year Record	One Record Per Pool
<b>P</b>	Pre-Modification Record	Occurs only if there is Pre-modification data
<b>R</b>	Removals by Issuer	Only for Multi Issuer Pools--Can be multiple records; one record for each issuer with removals (repurchases) in a multi issuer pool
<b>S</b>	State Record	Can be multiple records; one for each state of the loans in the Pool
<b>V</b>	Various Data Record	One Record Per Pool
<b>U</b>	Supplemental Data Record	One Record Per Pool
<b>L</b>	Multi Issuer Delinquency	Only for Multi Issuer Pools--Can be multiple records; one record for each issuer with delinquency in a multi issuer pool; is not applicable to New Issuance disclosure
<b>F</b>	Insurance Premium and Other Data	One Record Per Pool. FHA mortgage insurance premium data; first time homebuyer data; and type of originator data.
<b>X</b>	Transfer Activity	One Record Per Transferred Pool
<b>N</b>	Adjustable Rate Mortgage Record	One Record Per ARM Pool (Custom and Multi Issuer Pools only)

**Pool Details Record Type D**  
**All Pools -- One Record per Pool**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP Number	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C, or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (D=Pool Details)	19	19	Character	1	X
6	Security Interest Rate	20	24	Numeric	5	9(2)v9(3)
7	Pool Issue Date	25	32	Numeric	8	9(8)
8	Pool Maturity Date	33	40	Numeric	8	9(8)
9	Original Aggregate Amount	41	55	Numeric	15	9(13)v9(2)
10	Issuer Number	56	59	Numeric	4	9(4)
11	Issuer Name	60	99	Character	40	X(40)
12	Security Margin (ARM pools only)	100	103	Numeric	4	9(1)v9(3)
13	Interest Adjustment Date (ARM pools only)	104	111	Numeric	8	9(8)
14	Payment Adjustment Date (ARM pools only)	112	119	Numeric	8	9(8)
15	Number of loans in pool	120	125	Numeric	6	9(6)
16	Average Original Loan Size (AOLS)	126	135	Numeric	10	9(8)v9(2)
17	Maximum AOLS (Q4)	136	145	Numeric	10	9(8)v9(2)
18	75 <sup>th</sup> Percentile AOLS (Q3)	146	155	Numeric	10	9(8)v9(2)
19	Median AOLS (Q2)	156	165	Numeric	10	9(8)v9(2)
20	25 <sup>th</sup> Percentile AOLS (Q1)	166	175	Numeric	10	9(8)v9(2)
21	Minimum AOLS (Q0)	176	185	Numeric	10	9(8)v9(2)
22	WAC	186	190	Numeric	5	9(2)v9(3)
23	Maximum WAC (Q4)	191	195	Numeric	5	9(2)v9(3)
24	75 <sup>th</sup> Percentile WAC (Q3)	196	200	Numeric	5	9(2)v9(3)
25	Median WAC (Q2)	201	205	Numeric	5	9(2)v9(3)
26	25 <sup>th</sup> Percentile WAC (Q1)	206	210	Numeric	5	9(2)v9(3)
27	Minimum WAC (Q0)	211	215	Numeric	5	9(2)v9(3)
28	WARM	216	218	Numeric	3	9(3)
29	Maximum WARM (Q4)	219	221	Numeric	3	9(3)
30	75 <sup>th</sup> Percentile WARM (Q3)	222	224	Numeric	3	9(3)
31	Median WARM (Q2)	225	227	Numeric	3	9(3)
32	25 <sup>th</sup> Percentile WARM (Q1)	228	230	Numeric	3	9(3)
33	Minimum WARM (Q0)	231	233	Numeric	3	9(3)
34	WALA	234	236	Numeric	3	9(3)
35	Maximum WALA (Q4)	237	239	Numeric	3	9(3)
36	75 <sup>th</sup> Percentile WALA (Q3)	240	242	Numeric	3	9(3)
37	Median WALA (Q2)	243	245	Numeric	3	9(3)
38	25 <sup>th</sup> Percentile WALA (Q1)	246	248	Numeric	3	9(3)
39	Minimum WALA (Q0)	249	251	Numeric	3	9(3)
40	WAOLT	252	254	Numeric	3	9(3)
41	Maximum WAOLT (Q4)	255	257	Numeric	3	9(3)
42	75 <sup>th</sup> Percentile WAOLT (Q3)	258	260	Numeric	3	9(3)
43	Median WAOLT (Q2)	261	263	Numeric	3	9(3)
44	25 <sup>th</sup> Percentile WAOLT (Q1)	264	266	Numeric	3	9(3)
45	Minimum WAOLT (Q0)	267	269	Numeric	3	9(3)
46	WAGM (ARM pools only)	270	274	Numeric	5	9(2)v9(3)

Item	Data Item	Begin	End	Type	Length	Remarks
47	Maximum WAGM (Q4)	275	279	Numeric	5	9(2)v9(3)
48	75 <sup>th</sup> Percentile WAGM (Q3)	280	284	Numeric	5	9(2)v9(3)
49	Median WAGM (Q2)	285	289	Numeric	5	9(2)v9(3)
50	25 <sup>th</sup> Percentile WAGM (Q1)	290	294	Numeric	5	9(2)v9(3)
51	Minimum WAGM (Q0)	295	299	Numeric	5	9(2)v9(3)
52	Weighted Average Original LTV	300	302	Numeric	3	9(3)
53	Maximum LTV (Q4)	303	305	Numeric	3	9(3)
54	75 <sup>th</sup> Percentile LTV (Q3)	306	308	Numeric	3	9(3)
55	Median LTV (Q2)	309	311	Numeric	3	9(3)
56	25 <sup>th</sup> Percentile LTV (Q1)	312	314	Numeric	3	9(3)
57	Minimum LTV (Q0)	315	317	Numeric	3	9(3)
58	LTV Not Available – Number of Loans	318	323	Numeric	6	9(6)
59	LTV Not Available – UPB	324	336	Numeric	13	9(11)v9(2)
60	LTV Not Available – % of UPB	337	341	Numeric	5	9(3)v9(2)
61	Purchase Number Of Loans	342	347	Numeric	6	9(6)
62	Purchase UPB	348	360	Numeric	13	9(11)v9(2)
63	Purchase % of UPB	361	365	Numeric	5	9(3)v9(2)
64	Refinance Number of Loans	366	371	Numeric	6	9(6)
65	Refinance UPB	372	384	Numeric	13	9(11)v9(2)
66	Refinance % of UPB	385	389	Numeric	5	9(3)v9(2)
67	HAMP Modified Number of Loans	390	395	Numeric	6	9(6)
68	HAMP Modified UPB	396	408	Numeric	13	9(11)v9(2)
69	HAMP Modified % of Total UPB	409	413	Numeric	5	9(3)v9(2)
70	Non-HAMP Modified Number of Loans	414	419	Numeric	6	9(6)
71	Non-HAMP Modified UPB	420	432	Numeric	13	9(11)v9(2)
72	Non-HAMP Modified % of Total UPB	433	437	Numeric	5	9(3)v9(2)
73	Loan Purpose Not Available Number of Loans	438	443	Numeric	6	9(6)
74	Loan Purpose Not Available UPB	444	456	Numeric	13	9(11)v9(2)
75	Loan Purpose Not Available % of UPB	457	461	Numeric	5	9(3)v9(2)
76	Weighted Average Original CLTV	462	464	Numeric	3	9(3)
77	Maximum CLTV (Q4)	465	467	Numeric	3	9(3)
78	75 <sup>th</sup> Percentile CLTV (Q3)	468	470	Numeric	3	9(3)
79	Median CLTV (Q2)	471	473	Numeric	3	9(3)
80	25 <sup>th</sup> Percentile CLTV (Q1)	474	476	Numeric	3	9(3)
81	Minimum CLTV (Q0)	477	479	Numeric	3	9(3)
82	Weighted Average Original Loan Size	480	489	Numeric	10	9(8)v(2)
83	Look-Back Period (1 = 30 Day, 2 = 45 Day)	490	490	Numeric	1	9
84	Reserved (Filler)	491	491	Numeric	1	9
85	Reserved (Filler)	492	495	Numeric	4	9(4)
86	Reserved (Filler)	496	502	Numeric	7	9(7)
87	Reserved (Filler)	503	509	Numeric	7	9(7)
88	Reserved (Filler)	510	515	Numeric	6	9(6)
89	Reserved (Filler)	516	528	Numeric	13	9(11)v9(2)
90	Reserved (Filler)	529	533	Numeric	5	9(3)v9(2)
91	1 Unit Number of Loans	534	539	Numeric	6	9(6)
92	1 Unit UPB	540	552	Numeric	13	9(11)v9(2)
93	1 Unit % of UPB	553	557	Numeric	5	9(3)v9(2)
94	2 – 4 Units Number of Loans	558	563	Numeric	6	9(6)
95	2 – 4 Units UPB	564	576	Numeric	13	9(11)v9(2)
96	2 – 4 Units % of UPB	577	581	Numeric	5	9(3)v9(2)
97	Property Type Not Available Number of Loans	582	587	Numeric	6	9(6)
98	Property Type Not Available UPB	588	600	Numeric	13	9(11)v9(2)

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Item	Data Item	Begin	End	Type	Length	Remarks
99	Property Type Not Available % of UPB	601	605	Numeric	5	9(3)v9(2)
100	Pool UPB	606	620	Numeric	15	9(13)v9(2)
101	Filler	621	629	Character	9	X(9)
102	As-Of Date (CCYYMM)	630	635	Numeric	6	9(6)
	<b>Length of Record</b>		<b>635</b>			

**Issuer Information (Type I) Record – Multiple Issuer Pools**

**Only for Multi Issuer Pools--Can be multiple records; one record for each issuer in a multi issuer pool**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP Number	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator ( M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (I = Issuer)	19	19	Character	1	X
6	Issuer Number	20	23	Character	4	X(4)
7	Issuer Name	24	63	Character	40	X(40)
8	Number of Loans	64	69	Numeric	6	9(6)
9	Issuer's UPB in Multiple Issuer Pool	70	82	Numeric	13	9(11)v9(2)
10	Issuer's Percentage of Multiple Issuer Pool	83	87	Numeric	5	9(3)v9(2)
11	As-Of Date (CCYYMM)	88	93	Numeric	6	9(6)
	<b>Length of Record</b>		<b>93</b>			

**NOTE: If an issuer's portion (UPB) of a multiple issuer pool is less than 1% of the pool UPB, the issuer will not be reported separately. All issuers with less than 1% of the multiple issuer pool will be added together and reported as a single entity. The issuer number will be OTHR and the issuer name will be OTHER ISSUERS.**



**Origination Year Details Record Type O  
All Pools -- One Record per Pool**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP Number	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (O = Origination Year)	19	19	Character	1	X
6	Origination Year 1	20	23	Numeric	4	9(4)
7	Unpaid Principal Balance for Origination Year 1	24	36	Numeric	13	9(11)v9(2)
8	Percent of UPB for Origination Year 1	37	41	Numeric	5	9(3)v9(2)
9	Number of Loans for Origination Year 1	42	47	Numeric	6	9(6)
10	Percent of Loans for Origination Year 1	48	52	Numeric	5	9(3)v9(2)
11	Origination Year 2	53	56	Numeric	4	9(4)
12	Unpaid Principal Balance for Origination Year 2	57	69	Numeric	13	9(11)v9(2)
13	Percent of UPB for Origination Year 2	70	74	Numeric	5	9(3)v9(2)
14	Number of Loans for Origination Year 2	75	80	Numeric	6	9(6)
15	Percent of Loans for Origination Year 2	81	85	Numeric	5	9(3)v9(2)
16	Origination Year 3	86	89	Numeric	4	9(4)
17	Unpaid Principal Balance for Origination Year 3	90	102	Numeric	13	9(11)v9(2)
18	Percent of UPB for Origination Year 3	103	107	Numeric	5	9(3)v9(2)
19	Number of Loans for Origination Year 3	108	113	Numeric	6	9(6)
20	Percent of Loans for Origination Year 3	114	118	Numeric	5	9(3)v9(2)
21	Origination Year 4	119	122	Numeric	4	9(4)
22	Unpaid Principal Balance for Origination Year 4	123	135	Numeric	13	9(11)v9(2)
23	Percent of UPB for Origination Year 4	136	140	Numeric	5	9(3)v9(2)
24	Number of Loans for Origination Year 4	141	146	Numeric	6	9(6)
25	Percent of Loans for Origination Year 4	147	151	Numeric	5	9(3)v9(2)
26	Origination Year All Others	152	155	Character	4	X(4)
27	Unpaid Principal Balance for Origination Year Others	156	168	Numeric	13	9(11)v9(2)
28	Percent of UPB for Origination Year All Others	169	173	Numeric	5	9(3)v9(2)
29	Number of Loans for Origination Year All Others	174	179	Numeric	6	9(6)
30	Percent of Loans for Origination Year All Others	180	184	Numeric	5	9(3)v9(2)
31	As-Of Date (CCYYMM)	185	190	Numeric	6	9(6)
	<b>Length of Record</b>		<b>190</b>			

**NOTE: The origination year for ALL OTHERS will be "OTHR."**

State (Geo) Distribution Record Type S

Can be multiple records; one for each state related to loans in the Pool

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP Number	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (S = State Distribution)	19	19	Character	1	X
6	State Abbreviation	20	21	Character	2	X(2)
7	Current Security Balance for State	22	34	Numeric	13	9(11)v9(2)
8	Balance as a Percent	35	39	Numeric	5	9(3)v9(2)
9	Number of Loans for State	40	45	Numeric	6	9(6)
10	Number of Loans as a Percent	46	50	Numeric	5	9(3)v9(2)
11	Total Loans	51	56	Numeric	6	9(6)
12	Original Balance for State	57	69	Numeric	13	9(11)v9(2)
13	As-Of Date (CCYYMM)	70	75	Numeric	6	9(6)
	<b>Length of Record</b>		<b>75</b>			

**Various Data Record Type V**  
**All Pools -- One Record per Pool**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP Number	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C, or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (V = Various Data)	19	19	Character	1	X
6	FHA Pool UPB	20	32	Numeric	13	9(11)v9(2)
7	FHA UPB as a Percent of total pool	33	37	Numeric	5	9(3)v9(2)
8	FHA Number of Loans	38	43	Numeric	6	9(6)
9	FHA Number of Loans as a Percent of total loans	44	48	Numeric	5	9(3)v9(2)
10	FHA Original Pool Balance	49	61	Numeric	13	9(11)v9(2)
11	VA Pool UPB	62	74	Numeric	13	9(11)v9(2)
12	VA UPB as a Percent of total pool	75	79	Numeric	5	9(3)v9(2)
13	VA Number of Loans	80	85	Numeric	6	9(6)
14	VA Number of Loans as a Percent of total loans	86	90	Numeric	5	9(3)v9(2)
15	VA Original Pool Balance	91	103	Numeric	13	9(11)v9(2)
16	RD Pool UPB	104	116	Numeric	13	9(11)v9(2)
17	RD UPB as a Percent of total pool	117	121	Numeric	5	9(3)v9(2)
18	RD Number of Loans	122	127	Numeric	6	9(6)
19	RD Number of Loans as a Percent of total loans	128	132	Numeric	5	9(3)v9(2)
20	RD Original Pool Balance	133	145	Numeric	13	9(11)v9(2)
21	PIH Pool UPB	146	158	Numeric	13	9(11)v9(2)
22	PIH UPB as a Percent of total pool	159	163	Numeric	5	9(3)v9(2)
23	PIH Number of Loans	164	169	Numeric	6	9(6)
24	PIH Number of Loans as a Percent of total loans	170	174	Numeric	5	9(3)v9(2)
25	PIH Original Pool Balance	175	187	Numeric	13	9(11)v9(2)
26	Number of loans Paid Off	188	193	Numeric	6	9(6)
27	Unpaid Principal Balance of Loans Paid Off	194	206	Numeric	13	9(11)v9(2)
28	Percent of UPB of Loans Paid Off	207	211	Numeric	5	9(3)v9(2)
29	Number of Repurchased Delinquent Loans	212	217	Numeric	6	9(6)
30	UPB of Repurchased Delinquent Loans	218	230	Numeric	13	9(11)v9(2)
31	Percent of UPB of Repurchased Delinquent Loans	231	235	Numeric	5	9(3)v9(2)
32	Number of loans Foreclosed with claim payment	236	241	Numeric	6	9(6)
33	UPB of loans Foreclosed with claim payment	242	254	Numeric	13	9(11)v9(2)
34	Percentage of UPB of loans Foreclosed with claim payment	255	259	Numeric	5	9(3)v9(2)
35	Number of Repurchased Loss Mitigation Loans	260	265	Numeric	6	9(6)
36	UPB of Repurchased Loss Mitigation Loans	266	278	Numeric	13	9(11)v9(2)
37	Percent of UPB of Repurchased Loss Mitigation Loans	279	283	Numeric	5	9(3)v9(2)
38	Number of Repurchased Substitution Loans	284	289	Numeric	6	9(6)
39	UPB of Repurchased Substitution Loans	290	302	Numeric	13	9(11)v9(2)
40	Percent of UPB of Repurchased Substitution Loans	303	307	Numeric	5	9(3)v9(2)
41	Number of Other Removal Repurchased Loans	308	313	Numeric	6	9(6)
42	UPB of Other Removal Repurchased Loans	314	326	Numeric	13	9(11)v9(2)
43	Percent of UPB of Other Removal Repurchased Loans	327	331	Numeric	5	9(3)v9(2)
44	Number of FHA Buydown loans	332	337	Numeric	6	9(6)
45	UPB of FHA Buydown Loans	338	350	Numeric	13	9(11)v9(2)
46	Percentage of UPB of FHA Buydown Loans	351	355	Numeric	5	9(3)v9(2)

Item	Data Item	Begin	End	Type	Length	Remarks
47	Number of VA Buydown loans	356	361	Numeric	6	9(6)
48	UPB of VA Buydown Loans	362	374	Numeric	13	9(11)v9(2)
49	Percentage of UPB of VA Buydown Loans	375	379	Numeric	5	9(3)v9(2)
50	Reserved (Filler)	380	385	Numeric	6	9(6)
51	Reserved (Filler)	386	398	Numeric	13	9(11)v9(2)
52	Reserved (Filler)	399	403	Numeric	5	9(3)v9(2)
53	Reserved (Filler)	404	409	Numeric	6	9(6)
54	Reserved (Filler)	410	422	Numeric	13	9(11)v9(2)
55	Reserved (Filler)	423	427	Numeric	5	9(3)v9(2)
56	Reserved (Filler)	428	433	Numeric	6	9(6)
57	Reserved (Filler)	434	446	Numeric	13	9(11)v9(2)
58	Reserved (Filler)	447	451	Numeric	5	9(3)v9(2)
59	Reserved (Filler)	452	457	Numeric	6	9(6)
60	Reserved (Filler)	458	470	Numeric	13	9(11)v9(2)
61	Reserved (Filler)	471	475	Numeric	5	9(3)v9(2)
62	Number of Loans 30 days delinquent	476	481	Numeric	6	9(6)
63	UPB of Loans 30 days delinquent	482	494	Numeric	13	9(11)v9(2)
64	Percentage of UPB of Loans 30 days delinquent	495	499	Numeric	5	9(3)v9(2)
65	Number of Loans 60 days delinquent	500	505	Numeric	6	9(6)
66	UPB of Loans 60 days delinquent	506	518	Numeric	13	9(11)v9(2)
67	Percentage of UPB of Loans 60 days delinquent	519	523	Numeric	5	9(3)v9(2)
68	Number of Loans 90+ days delinquent	524	529	Numeric	6	9(6)
69	UPB of Loans 90+ days delinquent	530	542	Numeric	13	9(11)v9(2)
70	Percentage of UPB of Loans 90+ days delinquent	543	547	Numeric	5	9(3)v9(2)
71	FHA Number of Loans 30 days delinquent	548	553	Numeric	6	9(6)
72	FHA UPB of Loans 30 days delinquent	554	566	Numeric	13	9(11)v9(2)
73	FHA Percentage of UPB of Loans 30 days delinquent	567	571	Numeric	5	9(3)v9(2)
74	FHA Number of Loans 60 days delinquent	572	577	Numeric	6	9(6)
75	FHA UPB of Loans 60 days delinquent	578	590	Numeric	13	9(11)v9(2)
76	FHA Percentage of UPB of Loans 60 days delinquent	591	595	Numeric	5	9(3)v9(2)
77	FHA Number of Loans 90+ days delinquent	596	601	Numeric	6	9(6)
78	FHA UPB of Loans 90+ days delinquent	602	614	Numeric	13	9(11)v9(2)
79	FHA Percentage of UPB of Loans 90+ days delinquent	615	619	Numeric	5	9(3)v9(2)
80	VA Number of Loans 30 days delinquent	620	625	Numeric	6	9(6)
81	VA UPB of Loans 30 days delinquent	626	638	Numeric	13	9(11)v9(2)
82	VA Percentage of UPB of Loans 30 days delinquent	639	643	Numeric	5	9(3)v9(2)
83	VA Number of Loans 60 days delinquent	644	649	Numeric	6	9(6)
84	VA UPB of Loans 60 days delinquent	650	662	Numeric	13	9(11)v9(2)
85	VA Percentage of UPB of Loans 60 days delinquent	663	667	Numeric	5	9(3)v9(2)
86	VA Number of Loans 90+ days delinquent	668	673	Numeric	6	9(6)
87	VA UPB of Loans 90+ days delinquent	674	686	Numeric	13	9(11)v9(2)
88	VA Percentage of UPB of Loans 90+ days delinquent	687	691	Numeric	5	9(3)v9(2)
89	RD Number of Loans 30 days delinquent	692	697	Numeric	6	9(6)
90	RD UPB of Loans 30 days delinquent	698	710	Numeric	13	9(11)v9(2)
91	RD Percentage of UPB of Loans 30 days delinquent	711	715	Numeric	5	9(3)v9(2)
92	RD Number of Loans 60 days delinquent	716	721	Numeric	6	9(6)
93	RD UPB of Loans 60 days delinquent	722	734	Numeric	13	9(11)v9(2)
94	RD Percentage of UPB of Loans 60 days delinquent	735	739	Numeric	5	9(3)v9(2)
95	RD Number of Loans 90+ days delinquent	740	745	Numeric	6	9(6)
96	RD UPB of Loans 90+ days delinquent	746	758	Numeric	13	9(11)v9(2)
97	RD Percentage of UPB of Loans 90+ days delinquent	759	763	Numeric	5	9(3)v9(2)

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Item	Data Item	Begin	End	Type	Length	Remarks
98	PIH Number of Loans 30 days delinquent	764	769	Numeric	6	9(6)
99	PIH UPB of Loans 30 days delinquent	770	782	Numeric	13	9(11)v9(2)
100	PIH Percentage of UPB of Loans 30 days delinquent	783	787	Numeric	5	9(3)v9(2)
101	PIH Number of Loans 60 days delinquent	788	793	Numeric	6	9(6)
102	PIH UPB of Loans 60 days delinquent	794	806	Numeric	13	9(11)v9(2)
103	PIH Percentage of UPB of Loans 60 days delinquent	807	811	Numeric	5	9(3)v9(2)
104	PIH Number of Loans 90+ days delinquent	812	817	Numeric	6	9(6)
105	PIH UPB of Loans 90+ days delinquent	818	830	Numeric	13	9(11)v9(2)
106	PIH Percentage of UPB of Loans 90+ days delinquent	831	835	Numeric	5	9(3)v9(2)
107	Reserved (Filler)	836	841	Numeric	6	9(6)
108	Reserved (Filler)	842	854	Numeric	13	9(11)v9(2)
109	Reserved (Filler)	855	859	Numeric	5	9(3)v9(2)
110	Reserved (Filler)	860	865	Numeric	6	9(6)
111	Reserved (Filler)	866	878	Numeric	13	9(11)v9(2)
112	Reserved (Filler)	879	883	Numeric	5	9(3)v9(2)
113	As-Of Date (CCYYMM)	884	889	Numeric	6	9(6)
	<b>Length of Record</b>		<b>889</b>			

**Supplemental Pool Detail Record Type U  
All Pools -- One Record per Pool**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
	<b>Pool Indicator and Type</b>					
3	Pool Indicator (X, C, or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type U	19	19	Character	1	X
6	Issuer	20	23	Numeric	4	9(4)
7	Weighted Average Credit Score	24	26	Numeric	3	9(3)
8	Maximum Credit Score (Q4)	27	29	Numeric	3	9(3)
9	75th Percentile Credit Score (Q3)	30	32	Numeric	3	9(3)
10	Median Credit Score (Q2)	33	35	Numeric	3	9(3)
11	25th Percentile Credit Score (Q1)	36	38	Numeric	3	9(3)
12	Minimum Credit Score (Q0)	39	41	Numeric	3	9(3)
13	Credit Score Not Available Number of Loans	42	47	Numeric	6	9(6)
14	Credit Score Not Available UPB	48	60	Numeric	13	9(11)v9(2)
15	Credit Score Not Available % of Total UPB	61	65	Numeric	5	9(3)v9(2)
16	Weighted Average Debt Income Ratio	66	69	Numeric	4	9(1)v9(3)
17	Maximum Debt Income Ratio (Q4)	70	73	Numeric	4	9(1)v9(3)
18	75th Percentile Debt Income Ratio (Q3)	74	77	Numeric	4	9(1)v9(3)
19	Median Debt Income Ratio (Q2)	78	81	Numeric	4	9(1)v9(3)
20	25th Percentile Debt Income Ratio (Q1)	82	85	Numeric	4	9(1)v9(3)
21	Minimum Debt Income Ratio (Q0)	86	89	Numeric	4	9(1)v9(3)
22	Debt Income Ratio Not Available Number of Loans	90	95	Numeric	6	9(6)
23	Debt Income Ratio Not Available UPB	96	108	Numeric	13	9(11)v9(2)
24	Debt Income Ratio Not Available % of Total UPB	109	113	Numeric	5	9(3)v9(2)
25	Down Payment Assistance Number of Loans	114	119	Numeric	6	9(6)
26	Down Payment Assistance UPB of Loans	120	132	Numeric	13	9(11)v9(2)
27	Down Payment Assistance % of Total UPB	133	137	Numeric	5	9(3)v9(2)
28	Without Payment Assistance Number of Loans	138	143	Numeric	6	9(6)
29	Without Payment Assistance UPB of Loans	144	156	Numeric	13	9(11)v9(2)
30	Without Payment Assistance % of Total UPB	157	161	Numeric	5	9(3)v9(2)
31	FHA Purchase Number of Loans	162	167	Numeric	6	9(6)
32	FHA Purchase UPB	168	180	Numeric	13	9(11)v9(2)
33	FHA Purchase % of Total UPB	181	185	Numeric	5	9(3)v9(2)
34	FHA Refinance Number of Loans	186	191	Numeric	6	9(6)
35	FHA Refinance UPB	192	204	Numeric	13	9(11)v9(2)
36	FHA Refinance % of Total UPB	205	209	Numeric	5	9(3)v9(2)
37	FHA HAMP Modified Number of Loans	210	215	Numeric	6	9(6)
38	FHA HAMP Modified UPB	216	228	Numeric	13	9(11)v9(2)
39	FHA HAMP Modified % of Total UPB	229	233	Numeric	5	9(3)v9(2)
40	FHA Non-HAMP Modified Number of Loans	234	239	Numeric	6	9(6)
41	FHA Non-HAMP Modified UPB	240	252	Numeric	13	9(11)v9(2)
42	FHA Non-HAMP Modified % of Total UPB	253	257	Numeric	5	9(3)v9(2)
43	FHA Purpose Not Available Number of Loans	258	263	Numeric	6	9(6)
44	FHA Purpose Not Available UPB	264	276	Numeric	13	9(11)v9(2)
45	FHA Purpose Not Available % of Total UPB	277	281	Numeric	5	9(3)v9(2)
46	VA Purchase Number of Loans	282	287	Numeric	6	9(6)
47	VA Purchase UPB	288	300	Numeric	13	9(11)v9(2)

Item	Data Item	Begin	End	Type	Length	Remarks
48	VA Purchase % of Total UPB	301	305	Numeric	5	9(3)v9(2)
49	VA Refinance Number of Loans	306	311	Numeric	6	9(6)
50	VA Refinance UPB	312	324	Numeric	13	9(11)v9(2)
51	VA Refinance % of Total UPB	325	329	Numeric	5	9(3)v9(2)
52	VA HAMP Modified Number of Loans	330	335	Numeric	6	9(6)
53	VA HAMP Modified UPB	336	348	Numeric	13	9(11)v9(2)
54	VA HAMP Modified % of Total UPB	349	353	Numeric	5	9(3)v9(2)
55	VA Non-HAMP Modified Number of Loans	354	359	Numeric	6	9(6)
56	VA Non-HAMP Modified UPB	360	372	Numeric	13	9(11)v9(2)
57	VA Non-HAMP Modified % of Total UPB	373	377	Numeric	5	9(3)v9(2)
58	VA Purpose Not Available Number of Loans	378	383	Numeric	6	9(6)
59	VA Purpose Not Available UPB	384	396	Numeric	13	9(11)v9(2)
60	VA Purpose Not Available % of Total UPB	397	401	Numeric	5	9(3)v9(2)
61	PIH Purchase Number of Loans	402	407	Numeric	6	9(6)
62	PIH Purchase UPB	408	420	Numeric	13	9(11)v9(2)
63	PIH Purchase % of Total UPB	421	425	Numeric	5	9(3)v9(2)
64	PIH Refinance Number of Loans	426	431	Numeric	6	9(6)
65	PIH Refinance UPB	432	444	Numeric	13	9(11)v9(2)
66	PIH Refinance % of Total UPB	445	449	Numeric	5	9(3)v9(2)
67	PIH HAMP Modified Number of Loans	450	455	Numeric	6	9(6)
68	PIH HAMP Modified UPB	456	468	Numeric	13	9(11)v9(2)
69	PIH HAMP Modified % of Total UPB	469	473	Numeric	5	9(3)v9(2)
70	PIH Non-HAMP Modified Number of Loans	474	479	Numeric	6	9(6)
71	PIH Non-HAMP Modified UPB	480	492	Numeric	13	9(11)v9(2)
72	PIH Non-HAMP Modified % of Total UPB	493	497	Numeric	5	9(3)v9(2)
73	PIH Purpose Not Available Number of Loans	498	503	Numeric	6	9(6)
74	PIH Purpose Not Available UPB	504	516	Numeric	13	9(11)v9(2)
75	PIH Purpose Not Available % of Total UPB	517	521	Numeric	5	9(3)v9(2)
76	RD Purchase Number of Loans	522	527	Numeric	6	9(6)
77	RD Purchase UPB	528	540	Numeric	13	9(11)v9(2)
78	RD Purchase % of Total UPB	541	545	Numeric	5	9(3)v9(2)
79	RD Refinance Number of Loans	546	551	Numeric	6	9(6)
80	RD Refinance UPB	552	564	Numeric	13	9(11)v9(2)
81	RD Refinance % of Total UPB	565	569	Numeric	5	9(3)v9(2)
82	RD HAMP Modified Number of Loans	570	575	Numeric	6	9(6)
83	RD HAMP Modified UPB	576	588	Numeric	13	9(11)v9(2)
84	RD HAMP Modified % of Total UPB	589	593	Numeric	5	9(3)v9(2)
85	RD Non-HAMP Modified Number of Loans	594	599	Numeric	6	9(6)
86	RD Non-HAMP Modified UPB	600	612	Numeric	13	9(11)v9(2)
87	RD Non-HAMP Modified % of Total UPB	613	617	Numeric	5	9(3)v9(2)
88	RD Purpose Not Available Number of Loans	618	623	Numeric	6	9(6)
89	RD Purpose Not Available UPB	624	636	Numeric	13	9(11)v9(2)
90	RD Purpose Not Available % of Total UPB	637	641	Numeric	5	9(3)v9(2)
91	Non Streamlined Refi Number of Loans	642	647	Numeric	6	9(6)
92	Non Streamlined Refi Purchase UPB	648	660	Numeric	13	9(11)v9(2)
93	Non Streamlined Refi Purchase % of Total UPB	661	665	Numeric	5	9(3)v9(2)
94	Cash Out Refi Number of Loans	666	671	Numeric	6	9(6)
95	Cash Out Refi UPB	672	684	Numeric	13	9(11)v9(2)
96	Cash Out Refi % of Total UPB	685	689	Numeric	5	9(3)v9(2)
97	Streamlined Refi Number of Loans	690	695	Numeric	6	9(6)
98	Streamlined Refi UPB	696	708	Numeric	13	9(11)v9(2)
99	Streamlined Refi % of Total UPB	709	713	Numeric	5	9(3)v9(2)

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Item	Data Item	Begin	End	Type	Length	Remarks
100	FHA Short Refinance Number of Loans	714	719	Numeric	6	9(6)
101	FHA Short Refinance UPB	720	732	Numeric	13	9(11)v9(2)
102	FHA Short Refinance % of Total UPB	733	737	Numeric	5	9(3)v9(2)
103	Refinance Type Not Available Number of Loans	738	743	Numeric	6	9(6)
104	Refinance Type Not Available UPB	744	756	Numeric	13	9(11)v9(2)
105	Refinance Type Not Available % of Total UPB	757	761	Numeric	5	9(3)v9(2)
106	As-Of Date (CCYYMM)	762	767	Numeric	6	9(6)
	<b>Length of Record</b>		<b>767</b>			



## Removals by Issuer Record Type R

**Only for Multi Issuer Pools--Can be multiple records; one record for each issuer with removals (repurchases) in a multi issuer pool. If there are no removals for the report period for the pool, no Type R records for the pool.**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type R	19	19	Character	1	X
6	Issuer	20	23	Numeric	4	9(4)
7	Mortgagor Payoff Number of Loans	24	29	Numeric	6	9(6)
8	Mortgagor Payoff UPB of Loans	30	42	Numeric	13	9(11)v9(2)
9	Mortgagor Payoff % UPB	43	47	Numeric	5	9(3)v9(2)
10	Repurchase Delinquent Loan Number of Loans	48	53	Numeric	6	9(6)
11	Repurchase Delinquent Loan UPPB of Loans	54	66	Numeric	13	9(11)v9(2)
12	Repurchase Delinquent Loan % UPB	67	71	Numeric	5	9(3)v9(2)
13	Foreclosure with Claim Payment Number of Loans	72	77	Numeric	6	9(6)
14	Foreclosure with Claim Payment UPB of Loans	78	90	Numeric	13	9(11)v9(2)
15	Foreclosure with Claim Payment % UPB	91	95	Numeric	5	9(3)v9(2)
16	Repurchase Loss Mitigation Number of Loans	96	101	Numeric	6	9(6)
17	Repurchase Loss Mitigation UPB of Loans	102	114	Numeric	13	9(11)v9(2)
18	Repurchase Loss Mitigation % UPB	115	119	Numeric	5	9(3)v9(2)
19	Substitution Number of Loans	120	125	Numeric	6	9(6)
20	Substitution UPB of Loans	126	138	Numeric	13	9(11)v9(2)
21	Substitution Number of % UPB	139	143	Numeric	5	9(3)v9(2)
22	Other Removal Number of Loans	144	149	Numeric	6	9(6)
23	Other Removal UPB of Loans	150	162	Numeric	13	9(11)v9(2)
24	Other Removal Number of % UPB	163	167	Numeric	5	9(3)v9(2)
25	As-Of Date (CCYYMM)	168	173	Numeric	6	9(6)
	<b>Length of Record</b>		<b>173</b>			

**Top 10 MSAs Pool Detail (Type M) Record**  
**All Pools -- One Record per Pool**  
(Metropolitan Statistical Areas—Geographic Areas)

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C, or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type M	19	19	Character	1	X
6	Issuer	20	23	Numeric	4	9(4)
7	Highest MSA	24	28	Numeric	5	9(5)
8	Highest MSA Number of Loans	29	34	Numeric	6	9(6)
9	Highest MSA UPB of Loans	35	47	Numeric	13	9(11)v9(2)
10	Highest MSA % of Total UPB	48	52	Numeric	5	9(3)v9(2)
11	2nd Highest MSA	53	57	Numeric	5	9(5)
12	2nd Highest MSA Number of Loans	58	63	Numeric	6	9(6)
13	2nd Highest MSA UPB of Loans	64	76	Numeric	13	9(11)v9(2)
14	2nd Highest MSA % of Total UPB	77	81	Numeric	5	9(3)v9(2)
15	3rd Highest MSA	82	86	Numeric	5	9(5)
16	3rd Highest MSA Number of Loans	87	92	Numeric	6	9(6)
17	3rd Highest MSA UPB of Loans	93	105	Numeric	13	9(11)v9(2)
18	3rd Highest MSA % of Total UPB	106	110	Numeric	5	9(3)v9(2)
19	4th Highest MSA	111	115	Numeric	5	9(5)
20	4th Highest MSA Number of Loans	116	121	Numeric	6	9(6)
21	4th Highest MSA UPB of Loans	122	134	Numeric	13	9(11)v9(2)
22	4th Highest MSA % of Total UPB	135	139	Numeric	5	9(3)v9(2)
23	5th Highest MSA	140	144	Numeric	5	9(5)
24	5th Highest MSA Number of Loans	145	150	Numeric	6	9(6)
25	5th Highest MSA UPB of Loans	151	163	Numeric	13	9(11)v9(2)
26	5th Highest MSA % of Total UPB	164	168	Numeric	5	9(3)v9(2)
27	6th Highest MSA	169	173	Numeric	5	9(5)
28	6th Highest MSA Number of Loans	174	179	Numeric	6	9(6)
29	6th Highest MSA UPB of Loans	180	192	Numeric	13	9(11)v9(2)
30	6th Highest MSA % of Total UPB	193	197	Numeric	5	9(3)v9(2)
31	7th Highest MSA	198	202	Numeric	5	9(5)
32	7th Highest MSA Number of Loans	203	208	Numeric	6	9(6)
33	7th Highest MSA UPB of Loans	209	221	Numeric	13	9(11)v9(2)
34	7th Highest MSA % of Total UPB	222	226	Numeric	5	9(3)v9(2)
35	8th Highest MSA	227	231	Numeric	5	9(5)
36	8th Highest MSA Number of Loans	232	237	Numeric	6	9(6)
37	8th Highest MSA UPB of Loans	238	250	Numeric	13	9(11)v9(2)
38	8th Highest MSA % of Total UPB	251	255	Numeric	5	9(3)v9(2)
39	9th Highest MSA	256	260	Numeric	5	9(5)
40	9th Highest MSA Number of Loans	261	266	Numeric	6	9(6)
41	9th Highest MSA UPB of Loans	267	279	Numeric	13	9(11)v9(2)
42	9th Highest MSA % of Total UPB	280	284	Numeric	5	9(3)v9(2)
43	10th Highest MSA	285	289	Numeric	5	9(5)
44	10th Highest MSA Number of Loans	290	295	Numeric	6	9(6)
45	10th Highest MSA UPB of Loans	296	308	Numeric	13	9(11)v9(2)
46	10th Highest MSA % of Total UPB	309	313	Numeric	5	9(3)v9(2)

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Item	Data Item	Begin	End	Type	Length	Remarks
47	MSA Not Available Number of Loans	314	319	Numeric	6	9(6)
48	MSA Not Available UPB of Loans	320	332	Numeric	13	9(11)v9(2)
49	MSA Not Available % of Total UPB	333	337	Numeric	5	9(3)v9(2)
50	As-Of Date (CCYYMM)	338	343	Numeric	6	9(6)
	<b>Length of Record</b>		<b>343</b>			

**Pre-Modified Loan Data Record Type P**

**Occurs if there is pre-modification data. If no pre-modification data, no record for the pool.**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C, or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type P	19	19	Character	1	X
6	Issuer	20	23	Numeric	4	9(4)
7	Weighted Average LAD *	24	26	Numeric	3	9(3)
8	Maximum LAD (Q4)	27	29	Numeric	3	9(3)
9	75th Percentile LAD (Q3)	30	32	Numeric	3	9(3)
10	Median LAD (Q2)	33	35	Numeric	3	9(3)
11	25th Percentile LAD (Q1)	36	38	Numeric	3	9(3)
12	Minimum LAD (Q0)	39	41	Numeric	3	9(3)
13	Unpaid Principal Balance for Pre-Modified First Payment Date Loans	42	54	Numeric	13	9(11)v9(2)
14	Percent of Pool UPB for Pre-Modified First Payment Date Loans	55	59	Numeric	5	9(3)v9(2)
15	Number of Pre-Modified First Payment Date Loans	60	65	Numeric	6	9(6)
16	Percent of Pool Loans that are Pre-Modified First Payment Date Loans	66	70	Numeric	5	9(3)v9(2)
17	Pre-Modified Average Original Loan Size (AOLS) **	71	80	Numeric	10	9(8)v9(2)
18	Maximum Pre-Modified OLS (Q4)	81	90	Numeric	10	9(8)v9(2)
19	75th Percentile Pre-Modified OLS (Q3)	91	100	Numeric	10	9(8)v9(2)
20	Median Pre-Modified OLS (Q2)	101	110	Numeric	10	9(8)v9(2)
21	25th Percentile Pre-Modified OLS (Q1)	111	120	Numeric	10	9(8)v9(2)
22	Minimum Pre-Modified OLS (Q0)	121	130	Numeric	10	9(8)v9(2)
23	Unpaid Principal Balance for Loans with Pre-Modified OPB	131	143	Numeric	13	9(11)v9(2)
24	Percent of Pool UPB for Loans with Pre-Modified OPB	144	148	Numeric	5	9(3)v9(2)
25	Number of Loans with Pre-Modified OPB	149	154	Numeric	6	9(6)
26	Percent of Pool Loans that Have Pre-Modified OPB	155	159	Numeric	5	9(3)v9(2)
27	As-Of Date (CCYYMM)	160	165	Numeric	6	9(6)
	<b>Length of Record</b>		<b>165</b>			

A Pre-Modified Loan Values (Type P) record is generated for each pool that has pre-modification data for at least one modified loan.

\*The LAD weighted average is the weighted average of the difference in months between the original (pre-modified) first scheduled installment date and the modified first scheduled installment date, where a loan has been modified and re-amortized. The difference is weighted by the current period unpaid principal balance of the loan. A given loan participates in this weighted average and the associated quartiles only if the loan was modified.

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\*\*Pre-Modified Original Loan Size (OLS) is the value for modified loans of the original loan size (pre-modified OPB) before loan modification. To participate in the pre-modified average original loan size and associated quartiles, a loan must be modified.

**Multi Issuer Pool---Issuer Delinquency Record Type L**

**Only for Multi Issuer Pools--Can be multiple records; one record for each issuer with delinquent loans in a multi issuer pool. If there are no delinquent loans for the reporting period for the pool, there will be no Type L records for the pool. The existing rules for delinquency calculation apply; and; applies only to the Monthly file.**

**This Record Type is Not applicable to Daily/Weekly**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP Number	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (L = Issuer Delinquencies)	19	19	Character	1	X
6	Issuer	20	23	Numeric	4	9(4)
	<b>Delinquency Status--Summary</b>					
7	Number of Loans 30 days delinquent	24	29	Numeric	6	9(6)
8	UPB of Loans 30 days delinquent	30	42	Numeric	13	9(11)v9(2)
9	Percentage of UPB of Loans 30 days delinquent	43	47	Numeric	5	9(3)v9(2)
10	Number of Loans 60 days delinquent	48	53	Numeric	6	9(6)
11	UPB of Loans 60 days delinquent	54	66	Numeric	13	9(11)v9(2)
12	Percentage of UPB of Loans 60 days delinquent	67	71	Numeric	5	9(3)v9(2)
13	Number of Loans 90+ days delinquent	72	77	Numeric	6	9(6)
14	UPB of Loans 90+ days delinquent	78	90	Numeric	13	9(11)v9(2)
15	Percentage of UPB of Loans 90+ days delinquent	91	95	Numeric	5	9(3)v9(2)
	<b>Delinquency Status by Agency</b>					
16	FHA Number of Loans 30 days delinquent	96	101	Numeric	6	9(6)
17	FHA UPB of Loans 30 days delinquent	102	114	Numeric	13	9(11)v9(2)
18	FHA Percentage of UPB of Loans 30 days delinquent	115	119	Numeric	5	9(3)v9(2)
19	FHA Number of Loans 60 days delinquent	120	125	Numeric	6	9(6)
20	FHA UPB of Loans 60 days delinquent	126	138	Numeric	13	9(11)v9(2)
21	FHA Percentage of UPB of Loans 60 days delinquent	139	143	Numeric	5	9(3)v9(2)
22	FHA Number of Loans 90+ days delinquent	144	149	Numeric	6	9(6)
23	FHA UPB of Loans 90+ days delinquent	150	162	Numeric	13	9(11)v9(2)
24	FHA Percentage of UPB of Loans 90+ days delinquent	163	167	Numeric	5	9(3)v9(2)
25	VA Number of Loans 30 days delinquent	168	173	Numeric	6	9(6)
26	VA UPB of Loans 30 days delinquent	174	186	Numeric	13	9(11)v9(2)
27	VA Percentage of UPB of Loans 30 days delinquent	187	191	Numeric	5	9(3)v9(2)
28	VA Number of Loans 60 days delinquent	192	197	Numeric	6	9(6)
29	VA UPB of Loans 60 days delinquent	198	210	Numeric	13	9(11)v9(2)
30	VA Percentage of UPB of Loans 60 days delinquent	211	215	Numeric	5	9(3)v9(2)
31	VA Number of Loans 90+ days delinquent	216	221	Numeric	6	9(6)
32	VA UPB of Loans 90+ days delinquent	222	234	Numeric	13	9(11)v9(2)
33	VA Percentage of UPB of Loans 90+ days delinquent	235	239	Numeric	5	9(3)v9(2)
34	RD Number of Loans 30 days delinquent	240	245	Numeric	6	9(6)
35	RD UPB of Loans 30 days delinquent	246	258	Numeric	13	9(11)v9(2)
36	RD Percentage of UPB of Loans 30 days delinquent	259	263	Numeric	5	9(3)v9(2)

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Item	Data Item	Begin	End	Type	Length	Remarks
37	RD Number of Loans 60 days delinquent	264	269	Numeric	6	9(6)
38	RD UPB of Loans 60 days delinquent	270	282	Numeric	13	9(11)v9(2)
39	RD Percentage of UPB of Loans 60 days delinquent	283	287	Numeric	5	9(3)v9(2)
40	RD Number of Loans 90+ days delinquent	288	293	Numeric	6	9(6)
41	RD UPB of Loans 90+ days delinquent	294	306	Numeric	13	9(11)v9(2)
42	RD Percentage of UPB of Loans 90+ days delinquent	307	311	Numeric	5	9(3)v9(2)
43	PIH Number of Loans 30 days delinquent	312	317	Numeric	6	9(6)
44	PIH UPB of Loans 30 days delinquent	318	330	Numeric	13	9(11)v9(2)
45	PIH Percentage of UPB of Loans 30 days delinquent	331	335	Numeric	5	9(3)v9(2)
46	PIH Number of Loans 60 days delinquent	336	341	Numeric	6	9(6)
47	PIH UPB of Loans 60 days delinquent	342	354	Numeric	13	9(11)v9(2)
48	PIH Percentage of UPB of Loans 60 days delinquent	355	359	Numeric	5	9(3)v9(2)
49	PIH Number of Loans 90+ days delinquent	360	365	Numeric	6	9(6)
50	PIH UPB of Loans 90+ days delinquent	366	378	Numeric	13	9(11)v9(2)
51	PIH Percentage of UPB of Loans 90+ days delinquent	379	383	Numeric	5	9(3)v9(2)
52	As-Of Date (CCYYMM)	384	389	Numeric	6	9(6)
	<b>Length of Record</b>		<b>389</b>			

**Mortgage Insurance Premium and Other Data Record Type F**

**Record Type F is multi-purpose record containing FHA insurance premium data; first time homebuyer data; and type of originator data. One record for each pool.**

Mortgage insurance premium is identified as “Basis Point” categories. For example, “MIP 100” means insurance premium of 1.00%.

**Mortgage Insurance Record Type F**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C, or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type F	19	19	Character	1	X
6	Issuer	20	23	Numeric	4	9(4)
	<b>UPFRONT MIP Data (FHA loans only)</b>					
7	MIP 100 Number of Loans	24	29	Numeric	6	9(6)
8	MIP 100 UPB of Loans	30	42	Numeric	13	9(11)v9(2)
9	MIP 100 % of Pool UPB	43	47	Numeric	5	9(3)v9(2)
10	MIP 125 Number of Loans	48	53	Numeric	6	9(6)
11	MIP 125 UPB of Loans	54	66	Numeric	13	9(11)v9(2)
12	MIP 125 % of Pool UPB	67	71	Numeric	5	9(3)v9(2)
13	MIP 150 Number of Loans	72	77	Numeric	6	9(6)
14	MIP 150 UPB of Loans	78	90	Numeric	13	9(11)v9(2)
15	MIP 150 % of Pool UPB	91	95	Numeric	5	9(3)v9(2)
16	MIP 175 Number of Loans	96	101	Numeric	6	9(6)
17	MIP 175 UPB of Loans	102	114	Numeric	13	9(11)v9(2)
18	MIP 175 % of Pool UPB	115	119	Numeric	5	9(3)v9(2)
19	MIP 200 Number of Loans	120	125	Numeric	6	9(6)
20	MIP 200 UPB of Loans	126	138	Numeric	13	9(11)v9(2)
21	MIP 200 % of Pool UPB	139	143	Numeric	5	9(3)v9(2)
22	MIP 225 Number of Loans	144	149	Numeric	6	9(6)
23	MIP 225 UPB of Loans	150	162	Numeric	13	9(11)v9(2)
24	MIP 225 % of Pool UPB	163	167	Numeric	5	9(3)v9(2)
	<b>UPFRONT MIP Data Not Available (FHA loans only)</b>	(Not Available means no MIP data value available)				
25	MIP Not Available Number of Loans	168	173	Numeric	6	9(6)
26	MIP Not Available UPB of Loans	174	186	Numeric	13	9(11)v9(2)
27	MIP Not Available % of Pool UPB	187	191	Numeric	5	9(3)v9(2)
	<b>ANNUAL MIP DATA (FHA loans only)</b>					
28	MIP 25 Number of Loans	192	197	Numeric	6	9(6)
29	MIP 25 UPB of Loans	198	210	Numeric	13	9(11)v9(2)
30	MIP 25 % of Pool UPB	211	215	Numeric	5	9(3)v9(2)
31	MIP 35 Number of Loans	216	221	Numeric	6	9(6)
32	MIP 35 UPB of Loans	222	234	Numeric	13	9(11)v9(2)
33	MIP 35 % of Pool UPB	235	239	Numeric	5	9(3)v9(2)
34	MIP 50 Number of Loans	240	245	Numeric	6	9(6)



Item	Data Item	Begin	End	Type	Length	Remarks
35	MIP 50 UPB of Loans	246	258	Numeric	13	9(11)v9(2)
36	MIP 50 % of Pool UPB	259	263	Numeric	5	9(3)v9(2)
37	MIP 55 Number of Loans	264	269	Numeric	6	9(6)
38	MIP 55 UPB of Loans	270	282	Numeric	13	9(11)v9(2)
39	MIP 55 % of Pool UPB	283	287	Numeric	5	9(3)v9(2)
40	MIP 60 Number of Loans	288	293	Numeric	6	9(6)
41	MIP 60 UPB of Loans	294	306	Numeric	13	9(11)v9(2)
42	MIP 60 % of Pool UPB	307	311	Numeric	5	9(3)v9(2)
43	MIP 85 Number of Loans	312	317	Numeric	6	9(6)
44	MIP 85 UPB of Loans	318	330	Numeric	13	9(11)v9(2)
45	MIP 85 % of Pool UPB	331	335	Numeric	5	9(3)v9(2)
46	MIP 90 Number of Loans	336	341	Numeric	6	9(6)
47	MIP 90 UPB of Loans	342	354	Numeric	13	9(11)v9(2)
48	MIP 90 % of Pool UPB	355	359	Numeric	5	9(3)v9(2)
49	MIP 110 Number of Loans	360	365	Numeric	6	9(6)
50	MIP 110 UPB of Loans	366	378	Numeric	13	9(11)v9(2)
51	MIP 110 % of Pool UPB	379	383	Numeric	5	9(3)v9(2)
52	MIP 115 Number of Loans	384	389	Numeric	6	9(6)
53	MIP 115 UPB of Loans	390	402	Numeric	13	9(11)v9(2)
54	MIP 115 % of Pool UPB	403	407	Numeric	5	9(3)v9(2)
55	MIP 120 Number of Loans	408	413	Numeric	6	9(6)
56	MIP 120 UPB of Loans	414	426	Numeric	13	9(11)v9(2)
57	MIP 120 % of Pool UPB	427	431	Numeric	5	9(3)v9(2)
58	MIP 125 Number of Loans	432	437	Numeric	6	9(6)
59	MIP 125 UPB of Loans	438	450	Numeric	13	9(11)v9(2)
60	MIP 125 % of Pool UPB	451	455	Numeric	5	9(3)v9(2)
61	MIP 145 Number of Loans	456	461	Numeric	6	9(6)
62	MIP 145 UPB of Loans	462	474	Numeric	13	9(11)v9(2)
63	MIP 145 % of Pool UPB	475	479	Numeric	5	9(3)v9(2)
64	MIP 150 Number of Loans	480	485	Numeric	6	9(6)
65	MIP 150 UPB of Loans	486	498	Numeric	13	9(11)v9(2)
66	MIP 150 % of Pool UPB	499	503	Numeric	5	9(3)v9(2)
	<b>ANNUAL MIP Data Not Available (FHA loans only)</b>	(Not Available means no MIP data value available)				
67	MIP Not Available Number of Loans	504	509	Numeric	6	9(6)
68	MIP Not Available UPB of Loans	510	522	Numeric	13	9(11)v9(2)
69	MIP Not Available % of Pool UPB	523	527	Numeric	5	9(3)v9(2)
	<b>FIRST TIME HOME BUYER (All loan types)</b>					
70	First Time Homebuyer Number of Loans	528	533	Numeric	6	9(6)
71	First Time Homebuyer UPB	534	546	Numeric	13	9(11)v9(2)
72	First Time Homebuyer % of UPB	547	551	Numeric	5	9(3)v9(2)
73	Not First Time Homebuyer Number of Loans	552	557	Numeric	6	9(6)
74	Not First Time Homebuyer UPB	558	570	Numeric	13	9(11)v9(2)
75	Not First Time Homebuyer % of UPB	571	575	Numeric	5	9(3)v9(2)
	<b>FIRST TIME HOME BUYER Not Available (All loan types)</b>					

Item	Data Item	Begin	End	Type	Length	Remarks
76	First Time Homebuyer Not Available Number of Loans	576	581	Numeric	6	9(6)
77	First Time Homebuyer Not Available UPB	582	594	Numeric	13	9(11)v9(2)
78	First Time Homebuyer Not Available % of UPB	595	599	Numeric	5	9(3)v9(2)
	<b>ORIGINATOR TYPE DATA (all loan types)</b>					
79	Broker Number of Loans	600	605	Numeric	6	9(6)
80	Broker UPB of Loans	606	618	Numeric	13	9(11)v9(2)
81	Broker % of Total UPB	619	623	Numeric	5	9(3)v9(2)
82	Correspondent Number of Loans	624	629	Numeric	6	9(6)
83	Correspondent UPB of Loans	630	642	Numeric	13	9(11)v9(2)
84	Correspondent % of Total UPB	643	647	Numeric	5	9(3)v9(2)
85	Retail Number of Loans	648	653	Numeric	6	9(6)
86	Retail UPB of Loans	654	666	Numeric	13	9(11)v9(2)
87	Retail % of Total UPB	667	671	Numeric	5	9(3)v9(2)
	<b>ORIGINATION TYPE Not Available (all loan types)</b>					
88	Origination Type Not Available Number of Loans	672	677	Numeric	6	9(6)
89	Origination Type Not Available UPB of Loans	678	690	Numeric	13	9(11)v9(2)
90	Origination Type Not Available % of Total UPB	691	695	Numeric	5	9(3)v9(2)
	<b>UPFRONT MIP Data (FHA loans only)</b>					
91	MIP 000 Number of Loans	696	701	Numeric	6	9(6)
92	MIP 000 UPB of Loans	702	714	Numeric	13	9(11)v9(2)
93	MIP 000 % of Pool UPB	715	719	Numeric	5	9(3)v9(2)
94	MIP 001 Number of Loans	720	725	Numeric	6	9(6)
95	MIP 001 UPB of Loans	726	738	Numeric	13	9(11)v9(2)
96	MIP 001 % of Pool UPB	739	743	Numeric	5	9(3)v9(2)
97	MIP 300 Number of Loans	744	749	Numeric	6	9(6)
98	MIP 300 UPB of Loans	750	762	Numeric	13	9(11)v9(2)
99	MIP 300 % of Pool UPB	763	767	Numeric	5	9(3)v9(2)
100	MIP 380 Number of Loans	768	773	Numeric	6	9(6)
101	MIP 380 UPB of Loans	774	786	Numeric	13	9(11)v9(2)
102	MIP 380 % of Pool UPB	787	791	Numeric	5	9(3)v9(2)
	<b>ANNUAL MIP DATA (FHA loans only)</b>					
103	MIP 000 Number of Loans	792	797	Numeric	6	9(6)
104	MIP 000 UPB of Loans	798	810	Numeric	13	9(11)v9(2)
105	MIP 000 % of Pool UPB	811	815	Numeric	5	9(3)v9(2)
	<b>OTHER MIP DATA (FHA loans only)</b>	<b>MIP Other means any valid FHA MIP that does not fit into one of the predefined MIP rate fields above</b>				
106	MIP Other Number of Loans	816	821	Numeric	6	9(6)
107	MIP Other UPB of Loans	822	834	Numeric	13	9(11)v9(2)
108	MIP Other % of Pool UPB	835	839	Numeric	5	9(3)v9(2)
	New Annual MIP Rates Per FHA Mortgagee Letter 2013-04					
109	MIP 45 Number of Loans	840	845	Numeric	6	9(6)
110	MIP 45 UPB of Loans	846	858	Numeric	13	9(11)v9(2)

Item	Data Item	Begin	End	Type	Length	Remarks
111	MIP 45 % of Pool UPB	859	863	Numeric	5	9(3)v9(2)
112	MIP 70 Number of Loans	864	869	Numeric	6	9(6)
113	MIP 70 UPB of Loans	870	882	Numeric	13	9(11)v9(2)
114	MIP 70 % of Pool UPB	883	887	Numeric	5	9(3)v9(2)
115	MIP 95 Number of Loans	888	893	Numeric	6	9(6)
116	MIP 95 UPB of Loans	894	906	Numeric	13	9(11)v9(2)
117	MIP 95 % of Pool UPB	907	911	Numeric	5	9(3)v9(2)
118	MIP 130 Number of Loans	912	917	Numeric	6	9(6)
119	MIP 130 UPB of Loans	918	930	Numeric	13	9(11)v9(2)
120	MIP 130 % of Pool UPB	931	935	Numeric	5	9(3)v9(2)
121	MIP 135 Number of Loans	936	941	Numeric	6	9(6)
122	MIP 135 UPB of Loans	942	954	Numeric	13	9(11)v9(2)
123	MIP 135 % of Pool UPB	955	959	Numeric	5	9(3)v9(2)
124	MIP 155 Number of Loans	960	965	Numeric	6	9(6)
125	MIP 155 UPB of Loans	966	978	Numeric	13	9(11)v9(2)
126	MIP 155 % of Pool UPB	979	983	Numeric	5	9(3)v9(2)
	<b>UPFRONT MIP DATA (FHA loans only)</b>					
127	MIP 50 Number of Loans	984	989	Numeric	6	9(6)
128	MIP 50 UPB of Loans	990	1002	Numeric	13	9(11)v9(2)
129	MIP 50 % of Pool UPB	1003	1007	Numeric	5	9(3)v9(2)
130	MIP 240 Number of Loans	1008	1013	Numeric	6	9(6)
131	MIP 240 UPB of Loans	1014	1026	Numeric	13	9(11)v9(2)
132	MIP 240 % of Pool UPB	1027	1031	Numeric	5	9(3)v9(2)
133	MIP 250 Number of Loans	1032	1037	Numeric	6	9(6)
134	MIP 250 UPB of Loans	1038	1050	Numeric	13	9(11)v9(2)
135	MIP 250 % of Pool UPB	1051	1055	Numeric	5	9(3)v9(2)
	<b>ANNUAL MIP DATA (FHA loans only)</b>					
136	MIP 75 Number of Loans	1056	1061	Numeric	6	9(6)
137	MIP 75 UPB of Loans	1062	1074	Numeric	13	9(11)v9(2)
138	MIP 75 % of Pool UPB	1075	1079	Numeric	5	9(3)v9(2)
	<b>ANNUAL MIP DATA (FHA loans only)</b>					
139	MIP 80 Number of Loans	1080	1085	Numeric	6	9(6)
140	MIP 80 UPB of Loans	1086	1098	Numeric	13	9(11)v9(2)
141	MIP 80 % of Pool UPB	1099	1103	Numeric	5	9(3)v9(2)
142	MIP 100 Number of Loans	1104	1109	Numeric	6	9(6)
143	MIP 100 UPB of Loans	1110	1122	Numeric	13	9(11)v9(2)
144	MIP 100 % of Pool UPB	1123	1127	Numeric	5	9(3)v9(2)
145	MIP 105 Number of Loans	1128	1133	Numeric	6	9(6)
146	MIP 105 UPB of Loans	1134	1146	Numeric	13	9(11)v9(2)
147	MIP 105 % of Pool UPB	1147	1151	Numeric	5	9(3)v9(2)
148	Filler	1152	1463	Character	312	X(312)
149	As-Of Date (CCYYMM)	1464	1469	Numeric	6	9(6)
	<b>Length of Record</b>		<b>1469</b>			

**Transfer Activity Record Type X**

**Record Type X contains transferred pool data; one record for each Transferred Pool. If there are no Pool Transfers for the report period, no Type X records will be disclosed.**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP Number	1	9	Character	9	X(9)
2	Pool Number	10	15	Character	6	X(6)
3	Pool Indicator (X, C or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (X = Pool Transfers)	19	19	Character	1	X
6	Pool Issue Date	20	27	Numeric	8	9(8)
7	Transfer Type (1=PIIT, 2=Regular)	28	28	Numeric	1	9
8	Selling Issuer Number	29	32	Numeric	4	9(4)
9	Buying Issuer Number	33	36	Numeric	4	9(4)
10	Number of Loans Transferred	37	42	Numeric	6	9(6)
11	UPB of Loans Transferred	43	55	Numeric	13	9(11)v9(2)
12	As-Of Date (CCYYMM)	56	61	Numeric	6	9(6)
	<b>Length of Record</b>		<b>61</b>			

Note that:

- 1) In New Issuance Disclosure files, only “PIIT” Transfers (Pools Issued for Immediate Transfer) are available for disclosure. PIIT Transfers in New Issuance Files begin with December 2017 disclosures.
- 2) In Monthly Consolidated Disclosure file, both “Regular” Transfers and “PIIT” Transfers are available for disclosure.

**Adjustable Rate Mortgage Pools Data Record Type N**

**Only for ARM Pools; no record produced for non-ARM Pools.**

**The Record Type will be produced for each ARM Pool  
(for each Custom ARM Pool and for each MIP ARM Pool)**

Item	Data Item	Begin	End	Type	Length	Remarks
1	CUSIP	1	9	Character	9	X(9)
2	Pool ID	10	15	Character	6	X(6)
3	Pool Indicator (C or M)	16	16	Character	1	X
4	Pool Type	17	18	Character	2	X(2)
5	Record Type (N)	19	19	Character	1	X
6	Look Back Period	20	21	Numeric	2	9(2)
7	Index Type	22	26	Character	5	X(5)
8	Next Adjustment Date	27	34	Numeric	8	9(8)
9	Prior Adjustment Date	35	42	Numeric	8	9(8)
10	Months To Adjust	43	45	Numeric	3	9(3)
11	Weighted Average Mortgage Margin	46	50	Numeric	5	9(2)v9(3)
12	Maximum Mortgage Margin	51	55	Numeric	5	9(2)v9(3)
13	Minimum Mortgage Margin	56	60	Numeric	5	9(2)v9(3)
14	Initial Interest Rate Cap	61	61	Numeric	1	9
15	Subsequent Interest Rate Cap	62	62	Numeric	1	9
16	Lifetime Interest Rate Cap	63	63	Numeric	1	9
17	Lifetime Interest Rate Ceiling	64	68	Numeric	5	9(2)v9(3)
18	Next Interest Rate Ceiling	69	73	Numeric	5	9(2)v9(3)
19	Lifetime Interest Rate Floor	74	78	Numeric	5	9(2)v9(3)
20	As-Of Date (CCYYMM)	79	84	Numeric	6	9(6)
	<b>Length of Record</b>		<b>84</b>			