

**Medicaid Analytic Extract
Provider Characteristics
(MAXPC) File**

Anomaly Tables, 2009

Final Report

September 28, 2012

Deo Bencio



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Policy Research

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SPECIAL NOTE TO MAXPC 2009 USERS
9/28/2012

The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
2. Idaho: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4; IP and LT claims with service dates in 2009 that were adjudicated in FFY2010 Q3 and Q4; and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q3 and Q4
3. New Hampshire: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4, and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4
4. Oklahoma: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4
5. Utah: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4
6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

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ACRONYMS

CMS	Centers for Medicare & Medicaid Services
HIPAA	Health Insurance Portability and Accountability Act
ID	Identification/identifier
IP	Inpatient
LT	Long-term care
MAX	Medicaid Analytic Extract
MAXPC	MAX Provider Characteristics File
MSIS	Medicaid Statistical Information System
NPI	National Provider Identifier
NPES	National Plan and Provider Enumeration System
OT	Other services
RX	Drug

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INTRODUCTION

The Medicaid Statistical Information System (MSIS) files, and the corresponding research-friendly Medicaid Analytic Extract (MAX) files, support a wide range of studies on Medicaid enrollment, service use, and expenditures. Currently, there is considerable interest at the Centers for Medicare & Medicaid Services (CMS) in examining health reform proposals, program integrity, and access-to-care issues among certain types of Medicaid providers. However, it has not been possible to easily conduct provider-based research activities because the provider identification numbers collected in MSIS are largely unedited, undocumented, and state specific.

The advent of the Health Insurance Portability and Accountability Act (HIPAA) mandated covered entities such as health care providers, health plans, and health care clearinghouses to obtain and use a National Provider Identifier (NPI) in all administrative and financial HIPAA transactions.¹ The NPI is a unique 10-digit, sequentially assigned national identification number, unstructured so as not to carry in any way information, such as the state or medical specialty, of the health care provider who “owns” the identifier. Beginning in February 2009, states were required to include NPIs on claims submitted to MSIS. The main limitation of this identifier, however, is that certain classes of nonmedical providers are not required to obtain an NPI. Nonetheless, the availability of the NPI on MSIS claims makes the development of a uniform provider characteristic file more feasible. The MAX Provider Characteristics (MAXPC) file is such a file.

As MAXPC files for each state is created, a set of validation tables are developed to help determine whether linkages are working in the expected manner. As the validation tables are reviewed, a set of norms or expected values begin to form based on data reported by a collection of states. The more validation tables that are produced, the better the estimate of expected values become. The expected values thus become benchmarks with which validation table values are compared. When a validation table measure for a state compares negatively to benchmarks, it can then be said that an anomalous condition exists. These anomalous conditions are then reported in the anomaly tables; the tables are updated when unusual or abnormal data issues are spotted. By definition, anomalies vary from one year to the next, driven entirely by data from the state, as well as data from other states.

Eight Categories of Measures in the Anomaly Tables:

- **General issues**—measures that could show potential problems with the linkage of individual provider IDs. These measures include the number of provider IDs, percentage of provider IDs with NPIs, and percentage linked to NPPES
- **Utilization Level issues**—measures that could show potential problems with the linkage of individual provider IDs related to utilization levels. These measures include the average number of claims per provider and the average number of beneficiaries with claims per provider

¹ CMS. “National Provider Identifier (NPI) Overview.” Available at www.cms.gov/nationalProvIdentstand/.

- **Cross Provider issues**—measures that pertain to the source of provider IDs. These include the percentage of providers being billing providers in IP, LT, OT, and RX, the percentage being servicing providers in OT, and prescribing provider in RX, whether provider IDs are billing NPIs in IP, LT, and RX or servicing NPI in OT
- **NPI-related issues**—measures that could indicate potential problems with the source of NPIs. These measures include the number of legacy provider IDs with NPIs and the percentage of these where the NPI source is from MSIS, the percentage where the NPI source is the NPPES file, and the percentage the NPI source is a state provider provider file
- **NPPES-linkage issues**—measures that could indicate potential problems with linkage with NPPES. These measures include the number of provider IDs linked to NPPES, the percentage linked to NPPES using NPIs, and the percentage of providers in-state
- **Provider Taxonomy issues**—measures that could indicate potential problems related to provider’s primary taxonomy. These measures show the number and percentage of provider IDs with primary taxonomy, the percentage of providers who are individuals or groups of individuals, and the percentage of providers who are nonindividuals
- **Individual Provider Entity issues**—measures that could show potential problems related to individual provider’s entity. These measures include the number and percentage of provider IDs with entity type of individual, and of these, the percentage who are sole proprietors
- **Organizational Provider Entity issues**—measures that could show potential problems related to organizational provider’s entity. These measures include the number and percentage of provider IDs with entity type of an organization, and of these, the percentage who are subparts.

Measures under each category will be updated as necessary. Each of the state’s measures are compared against benchmarks for that measure, and when a state’s measure is determined to lie outside (either above or below) a benchmark, the cell containing the measure is highlighted to indicate a potentially anomalous condition. It is up to individual researchers to assess whether a certain condition must be dealt with for their particular studies.

2009 MAXPC ANOMALY TABLES

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Table 1. General Issues in MAXPC 2009

State	Number of Provider IDs				Percent with NPI				Percent Linked to NPPES			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^b	RX ^b	IP ^a	LT ^a	OT ^b	RX ^b
Alabama	573	538	47,884	16,593	100.0	100.0	94.3	20.1	100.0	98.5	94.1	20.1
Alaska	99	81	17,057	2,964	99.0	98.8	79.4	87.6	96.0	96.3	77.3	87.3
Arizona	945	288	51,797	41,229	99.9	100.0	90.4	43.0	99.9	100.0	90.1	42.9
Arkansas	485	622	46,483	10,083	88.0	99.7	68.5	69.7	88.0	99.7	68.2	69.4
California	2,923	3,069	776,959	429,395	85.2	64.8	90.1	19.4	32.6 ^c	39.1 ^c	9.6 ^c	11.7 ^c
Colorado	421	449	42,311	34,047	92.6	100.0	93.7	95.3	92.6	100.0	93.2	94.9
Connecticut	681	800	42,450	28,699	99.6	99.1	83.1	90.8	99.6	99.1	82.3	90.0
Delaware	44	67	9,008	5,529	97.7	98.5	71.0	60.7	97.7	95.5	69.9	60.6
District of Columbia	195	238	10,662	2,864	88.7	98.3	55.7	41.4	75.9	98.3	53.9	41.0
Florida	3,396	1,534	135,711	140,377	97.1	99.9	89.7	26.8	96.9	99.5	89.2	26.7
Georgia	756	438	101,586	4,598	95.8	99.1	95.9	49.3	95.6	98.9	95.6	48.0
Hawaii	223	123	11,769	3,529	89.7	95.9	60.1	15.8	89.7	95.9	59.8	15.6
Idaho	431	561	31,218	8,865	89.6	94.7	67.1	35.1	89.6	94.7	66.8	32.6
Illinois	1,349	2,216	159,647	115,931	91.0	71.1	62.1	29.2	91.0	71.1	61.9	29.1
Indiana	837	2,012	65,101	34,712	100.0	100.0	97.4	51.0	100.0	100.0	95.8	50.8
Iowa	749	1,334	64,131	24,442	99.2	100.0	95.9	50.2	98.7	100.0	79.1	50.0
Kansas	722	778	47,142	16,309	98.3	99.9	91.3	65.1	98.3	99.6	90.8	64.9
Kentucky	702	756	58,049	17,576	99.9	100.0	87.0	91.7	99.9	100.0	86.7	91.4
Louisiana	1,199	2,015	43,508	20,799	88.8	93.7	91.1	54.9	77.6	84.0	88.1	54.6
Maine	161	145	13,493	13,400	9.3	29.7	9.3	5.5	9.3	29.7	9.1	0.0
Maryland	461	475	86,757	18,975	93.3	98.1	62.1	71.9	93.1	98.1	50.4	71.7
Massachusetts	537	1,481	96,772	77,680	89.8	94.9	76.3	6.8	89.8	94.9	76.2	6.8
Michigan	1,154	1,714	239,916	79,434	84.2	92.6	40.7	24.1	83.5	92.4	40.4	23.9
Minnesota	805	1,691	174,841	25,355	90.9	98.3	60.9	49.1	90.8	97.3	33.0	48.8
Mississippi	628	524	34,101	19,902	99.4	99.2	88.6	49.2	99.4	99.2	88.1	49.0
Missouri	896	1,074	66,778	44,885	83.3	98.4	68.4	24.8	81.6	98.0	50.0	22.4
Montana	326	268	18,224	4,605	100.0	100.0	91.6	77.3	100.0	100.0	91.3	77.0
Nebraska	261	369	32,931	8,350	7.7	11.4	4.9	5.3	7.7	11.4	4.9	5.3
Nevada	393	234	26,041	10,561	100.0	99.1	80.1	53.7	100.0	99.1	75.2	53.4
New Hampshire	184	192	19,417	11,476	66.3	97.9	83.2	6.0	1.1 ^c	1.0 ^c	6.7 ^c	6.0
New Jersey	849	733	71,538	27,082	71.1	92.9	93.5	69.5	70.0	92.8	91.3	69.1
New Mexico	938	502	61,461	23,867	98.9	100.0	78.5	56.4	98.3	100.0	78.3	56.3
New York	2,775	3,459	278,776	101,977	88.6	94.6	88.3	61.6	87.7	94.4	87.4	61.2
North Carolina	672	1,871	106,203	29,989	100.0	100.0	99.9	95.4	99.1	99.6	99.1	95.0
North Dakota	214	406	13,415	4,129	87.9	94.6	48.1	19.4	87.9	94.6	47.8	19.2
Ohio	835	2,365	110,647	41,507	87.2	100.0	55.7	34.9	9.8 ^c	1.0 ^c	10.2 ^c	0.4 ^c
Oklahoma	844	909	48,214	26,649	99.8	100.0	88.7	45.4	99.8	99.8	86.3	44.3
Oregon	337	341	66,413	22,893	93.5	95.3	58.7	60.3	93.5	94.7	58.5	60.3
Pennsylvania	858	1,879	97,503	72,989	99.0	99.9	86.5	13.0	98.7	99.9	86.1	12.9
Rhode Island	1,149	324	11,873	11,768	6.2	34.6	30.4	20.0	6.2	34.6	30.3	20.0
South Carolina	222	285	28,941	48,402	100.0	79.3	1.6	1.0	99.5	79.3	1.6	

Table 1. General Issues in MAXPC 2009

State	Number of Provider IDs				Percent with NPI				Percent Linked to NPPES			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^b	RX ^b	IP ^a	LT ^a	OT ^b	RX ^b
South Dakota	356	333	15,553	5,165	100.0	99.4	77.1	6.2	100.0	98.8	76.6	6.1
Tennessee	1,772	899	75,400	76,061	92.8	94.7	74.3	24.3	92.7	94.7	74.0	24.2
Texas	1,130	2,081	124,119	62,025	75.3	95.3	71.0	15.2	54.8 ^c	94.6	62.1	15.1
Utah	226	223	19,992	13,129	92.5	96.9	87.1	45.2	92.5	96.9	86.9	44.9
Vermont	213	133	16,252	4,918	98.6	100.0	93.7	88.1	98.6	100.0	93.4	88.0
Virginia	1,291	374	76,962	39,948	100.0	100.0	96.9	50.0	99.5	100.0	92.5	49.8
Washington	682	798	97,600	50,025	79.9	81.1	76.3	36.4	79.9	81.0	75.8	36.2
West Virginia	484	481	34,714	19,775	99.6	100.0	91.9	15.1	99.6	100.0	91.7	15.1
Wisconsin	392	416	44,220	48,904	97.4	98.8	60.3	17.6	97.4	98.8	60.0	17.5
Wyoming	275	216	20,632	7,768	100.0	99.5	77.9	79.6	100.0	99.5	77.6	79.2

NOTE: The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
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6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

^a Values less than 80 percent are below the expected level and are considered anomalous.

^b Values less than 50 percent are below the expected level and are considered anomalous.

^c Low percentage of records linked to NPPES relative to the percentage of records with NPIs indicate a problem in the reporting of NPIs.

Table 2. Utilization Levels in MAXPC 2009

State	Average Number of Claims Per Provider ID ^a				Average Number of Beneficiaries with Claims Per Provider ID ^a			
	IP	LT	OT	RX	IP	LT	OT	RX
Alabama	548.7	1,101.1	1,764.5	1,620.0	429.3	111.0	281.2	193.5
Alaska	213.7	204.8	675.7	636.0	181.4	32.6	108.5	81.4
Arizona	558.4	704.1	2,368.8	820.8	450.3	127.2	328.8	127.3
Arkansas	530.8	2,575.8	1,663.9	1,475.1	433.8	97.6	226.8	244.0
California	349.6	1,023.9	479.8	311.8	239.3	53.8	78.8	48.5
Colorado	357.2	2,399.3	1,256.0	281.1	298.1	75.0	198.4	49.6
Connecticut	786.2	758.4	1,388.9	899.7	403.6	86.3	154.1	81.2
Delaware	266.5	668.8	1,994.4	695.3	222.0	73.0	201.1	108.0
District of Columbia	324.5	333.1	1,198.6	717.7	241.5	38.1	139.2	55.5
Florida	359.3	852.4	1,868.1	519.4	266.6	98.7	282.6	70.6
Georgia	435.8	2,802.7	1,270.8	6,696.6	368.4	97.7	225.0	796.7
Hawaii	251.8	108.7	1,163.3	693.5	157.7	55.3	207.0	127.7
Idaho	157.2	442.7	761.7	591.2	132.3	36.0	105.1	94.0
Illinois	674.5	912.6	1,600.5	653.6	487.0	98.9	286.4	87.5
Indiana	442.2	789.0	1,399.2	1,021.6	372.8	49.2	221.4	129.8
Iowa	223.6	274.5	702.2	519.2	184.5	33.1	111.5	77.0
Kansas	244.0	921.9	649.5	712.1	180.5	45.6	112.0	72.0
Kentucky	467.1	970.8	1,567.1	1,967.8	348.7	89.2	266.9	226.4
Louisiana	521.8	395.2	2,165.5	1,788.2	362.3	54.8	381.0	246.1
Maine	222.8	1,175.3	1,865.0	829.3	158.8	69.0	204.3	96.6
Maryland	693.4	945.7	877.5	1,004.8	463.0	120.1	94.5	111.6
Massachusetts	592.6	589.6	1,671.8	343.1	460.8	142.0	255.9	59.9
Michigan	191.8	460.1	827.5	510.8	152.4	80.9	109.8	78.9
Minnesota	277.0	584.5	726.5	1,310.7	218.0	39.4	79.2	132.3
Mississippi	464.0	1,021.4	1,705.9	856.6	360.0	107.7	318.3	142.6
Missouri	322.3	1,156.2	1,728.4	888.3	237.2	78.8	222.5	103.3
Montana	152.1	447.5	503.4	613.7	122.4	42.2	91.0	71.2
Nebraska	201.0	320.6	415.9	686.3	138.3	37.7	79.6	98.8
Nevada	237.8	621.1	738.2	471.9	171.0	62.2	121.5	44.3
New Hampshire	197.3	784.3	753.0	352.5	165.3	69.1	102.9	48.3
New Jersey	312.3	1,094.1	1,360.7	1,067.2	240.3	121.8	183.8	120.8
New Mexico	176.0	490.9	773.7	576.3	143.4	46.0	121.9	84.5
New York	1,569.3	5,959.2	1,502.3	1,613.3	610.3	102.0	218.6	176.7
North Carolina	1,057.2	1,090.4	2,018.7	1,305.9	860.5	59.9	261.9	181.7
North Dakota	138.2	235.5	517.8	447.6	112.7	27.8	85.3	63.5
Ohio	360.8	679.6	1,690.2	683.3	280.8	82.4	148.6	67.2
Oklahoma	400.0	1,379.6	1,428.0	671.0	320.2	68.1	233.8	121.3
Oregon	386.3	661.3	819.1	436.5	331.6	69.1	112.8	43.9
Pennsylvania	286.0	1,073.1	1,144.2	363.3	240.9	96.7	147.8	39.6
Rhode Island	101.2	289.0	867.6	309.8	41.9	33.8	131.8	43.1
South Carolina	487.6	590.9	1,515.7	173.4	405.8	70.8	235.2	31.8

Table 2. Utilization Levels in MAXPC 2009

State	Average Number of Claims Per Provider ID ^a				Average Number of Beneficiaries with Claims Per Provider ID ^a			
	IP	LT	OT	RX	IP	LT	OT	RX
South Dakota	135.9	343.7	440.5	338.4	116.2	42.4	95.2	55.8
Tennessee	316.6	656.5	1,403.4	676.9	214.3	83.2	272.1	81.5
Texas	861.4	1,682.5	2,486.6	1,509.1	691.6	68.9	334.6	250.7
Utah	411.5	1,084.3	986.6	600.8	376.1	56.6	151.4	90.4
Vermont	178.8	790.8	1,016.4	1,368.9	128.1	61.8	149.6	139.2
Virginia	403.1	1,166.4	771.4	453.0	184.9	87.6	160.0	61.9
Washington	361.8	645.7	739.6	383.2	277.6	75.9	156.0	48.8
West Virginia	267.9	506.0	928.5	984.8	174.5	63.9	148.1	97.5
Wisconsin	422.0	671.0	1,508.5	554.9	315.2	86.0	211.5	70.9
Wyoming	117.6	294.4	330.0	216.7	96.0	33.9	53.9	39.4

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^a Values greater or less than two standard deviations from the arithmetic mean are considered anomalous.

Table 3. Prevalence of Provider IDs in MAXPC 2009

State	Total Number of Provider IDs in MAX	Percent of Provider IDs that are Billing Provider IDs on IP Claims	Percent of Provider IDs that are NPI Billing Provider IDs on IP Claims	Percent of Provider IDs that are Billing Provider IDs on LT Claims	Percent of Provider IDs that are NPI Billing Provider IDs on LT Claims	Percent of Provider IDs that are Billing Provider IDs on OT Claims	Percent of Provider IDs that are Servicing Provider IDs on OT Claims	Percent of Provider IDs that are NPI Servicing Provider IDs on OT Claims	Percent of Provider IDs that are Billing Provider IDs on RX Claims	Percent of Provider IDs that are Prescribing Provider IDs on RX Claims	Percent of Provider IDs that are NPI Billing Provider IDs on RX Claims	Percent of All Provider IDs that are Billing Provider IDs	Percent of All Provider IDs that are NPI Billing Provider IDs	Percent of All Provider IDs that are Servicing Provider IDs	Percent of All Provider IDs that are NPI Servicing Provider IDs	Percent of All Provider IDs that are Prescribing Provider IDs
Alabama	64,321	50.3	49.7	50.7	49.3	16.3	56.5	35.8	8.4	83.1	8.4	14.4	3.0	42.0	26.7	21.4
Alaska	17,486	100.0	99.0	100.0	96.3	25.8	45.5	40.0	5.8	94.2	5.8	26.2	1.9	44.3	39.1	16.0
Arizona	78,708	49.9	50.1	50.0	50.0	52.7	54.5	44.4	2.9	94.9	2.9	36.2	2.3	35.9	29.2	49.7
Arkansas	50,371	55.7	44.3	51.3	48.7	28.4	55.5	39.7	8.5	91.1	8.5	28.3	2.7	51.2	36.7	18.2
California	1,112,427	100.0	84.7	100.0	64.2	83.3	97.5	80.3	6.0	95.9	5.7	60.6	2.6	68.1	56.1	37.0
Colorado	52,712	49.4	50.6	51.0	49.0	18.1	45.7	48.5	2.5	38.8	59.4	15.3	39.2	36.7	38.9	25.1
Connecticut	61,625	50.1	49.9	50.9	49.1	24.2	53.7	42.2	4.0	94.1	87.2	18.8	41.8	37.0	29.1	43.8
Delaware	11,059	100.0	97.7	100.0	98.5	23.7	89.9	69.6	4.8	95.2	4.8	20.5	3.4	73.2	56.7	47.6
District of Columbia	11,429	45.1	54.9	58.8	41.2	31.5	72.2	24.8	7.4	87.1	6.5	31.4	3.4	67.3	23.2	21.8
Florida	243,730	52.4	47.6	50.3	49.7	41.4	52.4	43.0	2.9	95.6	2.9	24.8	2.4	29.2	24.0	55.1
Georgia	105,009	100.0	95.5	100.0	99.1	37.8	65.0	33.7	51.4	50.4	48.2	37.7	3.2	62.9	32.6	2.2
Hawaii	14,679	52.0	48.0	52.0	48.0	53.3	53.9	37.8	7.7	90.9	7.3	43.7	2.5	43.2	30.3	21.8
Idaho	37,913	61.5	38.5	65.4	34.6	34.2	62.2	31.8	9.6	85.6	4.8	31.4	1.9	51.2	26.2	20.0
Illinois	243,893	45.7	54.3	41.6	58.4	11.3	57.9	30.8	0.9	96.8	2.4	7.8	2.0	37.9	20.2	46.0
Indiana	84,537	48.4	51.6	53.1	46.9	17.5	51.9	41.9	3.9	92.2	3.9	15.0	3.2	39.9	32.3	37.9
Iowa	78,250	50.1	49.9	50.0	50.0	24.0	56.7	42.6	4.1	48.5	47.5	20.3	16.1	46.4	34.9	15.1
Kansas	55,716	51.2	48.8	50.3	49.7	25.0	58.5	35.2	8.0	85.5	6.5	24.2	3.2	49.5	29.8	25.0
Kentucky	62,090	50.3	49.7	50.4	49.6	30.8	73.7	42.6	7.7	87.8	7.4	30.8	3.3	68.9	39.8	24.8
Louisiana	55,831	40.2	59.8	44.6	55.4	26.4	48.1	51.3	6.0	87.8	6.2	24.5	5.6	37.5	40.0	32.7
Maine	27,051	100.0	0.0	100.0	0.0	40.6	59.4	0.1	2.8	94.5	2.7	22.2	1.3	29.6	0.0	46.8
Maryland	93,884	52.9	47.1	48.2	51.8	15.2	68.1	31.7	6.7	87.6	6.6	15.7	1.8	63.0	29.3	17.7
Massachusetts	169,330	57.2	42.8	66.6	33.4	21.3	56.0	30.9	3.2	96.6	1.6	13.5	1.2	32.0	17.7	44.3
Michigan	289,361	72.4	31.3	70.7	31.9	54.7	79.0	14.9	14.6	86.6	3.6	49.6	1.3	65.5	12.3	23.8
Minnesota	177,640	50.1	49.9	51.0	49.0	49.7	14.5	49.4	5.6	92.2	5.6	49.3	1.4	14.3	48.6	13.2
Mississippi	46,193	50.0	50.0	49.6	50.4	21.4	51.7	42.9	4.4	91.1	4.4	18.2	3.1	38.2	31.7	39.3
Missouri	101,554	52.3	47.7	49.3	50.7	18.8	68.4	17.9	6.4	86.1	8.9	13.9	4.7	45.0	11.8	38.0
Montana	19,941	50.3	49.7	50.4	49.6	30.7	49.5	44.4	7.6	84.8	7.6	30.6	3.2	45.2	40.5	19.6
Nebraska	37,774	100.0	0.0	100.0	0.0	51.6	92.4	0.0	7.1	92.9	0.0	45.8	0.0	80.5	0.0	20.5
Nevada	32,125	51.9	48.1	49.6	50.4	23.4	38.6	38.0	4.9	91.7	4.9	21.3	2.5	31.3	30.8	30.2

Table 3. Prevalence of Provider IDs in MAXPC 2009

State	Total Number of Provider IDs in MAX	Percent of Provider IDs that are Billing Provider IDs on IP Claims	Percent of Provider IDs that are NPI Billing Provider IDs on IP Claims	Percent of Provider IDs that are Billing Provider IDs on LT Claims	Percent of Provider IDs that are NPI Billing Provider IDs on LT Claims	Percent of Provider IDs that are Billing Provider IDs on OT Claims	Percent of Provider IDs that are Servicing Provider IDs on OT Claims	Percent of Provider IDs that are NPI Servicing Provider IDs on OT Claims	Percent of Provider IDs that are Billing Provider IDs on RX Claims	Percent of Provider IDs that are Prescribing Provider IDs on RX Claims	Percent of Provider IDs that are NPI Billing Provider IDs on RX Claims	Percent of All Provider IDs that are Billing Provider IDs	Percent of All Provider IDs that are NPI Billing Provider IDs	Percent of All Provider IDs that are Servicing Provider IDs	Percent of All Provider IDs that are NPI Servicing Provider IDs	Percent of All Provider IDs that are Prescribing Provider IDs
New Hampshire	30,872	67.4	32.6	52.1	47.9	23.2	56.5	39.4	3.3	93.7	3.0	15.3	1.6	35.6	24.8	34.8
New Jersey	80,943	65.6	34.4	60.3	39.7	41.3	39.9	55.5	7.7	85.8	7.4	37.6	3.2	35.3	49.0	28.7
New Mexico	71,062	64.1	35.9	62.5	37.5	42.0	66.8	25.7	12.0	78.8	10.0	40.3	4.0	57.8	22.2	26.5
New York	311,362	46.9	53.1	51.8	48.2	31.8	53.1	46.0	4.6	91.1	4.6	28.9	2.4	47.5	41.2	29.9
North Carolina	113,214	49.3	50.7	55.1	44.9	26.2	52.0	47.2	7.1	86.1	7.1	26.2	2.9	48.7	44.2	22.8
North Dakota	15,637	53.3	46.7	53.0	47.0	40.0	63.3	33.1	6.6	86.8	6.7	36.5	3.6	54.3	28.4	22.9
Ohio	120,943	50.5	49.5	59.4	40.6	27.2	50.1	22.8	8.6	82.1	9.4	26.1	4.3	45.8	20.8	28.2
Oklahoma	65,157	50.1	49.9	50.3	49.7	21.8	48.2	43.3	3.9	92.1	3.9	18.1	3.0	35.6	32.0	37.7
Oregon	76,387	54.9	45.1	54.5	45.5	45.7	45.6	28.9	3.2	94.6	3.2	40.8	1.3	39.6	25.1	28.3
Pennsylvania	166,706	51.4	48.6	53.5	46.5	25.7	55.1	40.2	4.9	90.2	5.0	16.7	3.0	32.3	23.5	39.5
Rhode Island	21,362	100.0	4.5	100.0	31.5	60.6	82.4	28.9	2.0	99.1	0.2	36.0	0.8	45.8	16.1	54.6
South Carolina	64,253	100.0	100.0	100.0	9.8	34.2	86.8	0.0	2.6	97.7	0.2	16.9	0.5	39.1	0.0	73.6
South Dakota	21,205	50.6	49.4	51.1	48.9	53.4	53.1	46.5	6.7	91.7	1.6	42.4	1.9	38.9	34.1	22.3
Tennessee	135,392	47.3	52.7	49.4	50.6	34.2	71.8	25.9	9.7	81.1	9.2	24.6	6.0	40.0	14.4	45.5
Texas	186,001	79.6	75.2	99.4	95.3	69.4	75.9	66.9	6.9	86.3	6.8	49.2	3.8	50.7	44.7	28.8
Utah	28,033	55.3	44.7	51.6	48.4	35.1	52.3	41.5	4.4	91.3	4.4	26.5	2.8	37.3	29.6	42.8
Vermont	17,545	49.8	50.2	50.4	49.6	24.2	43.8	47.3	4.9	92.6	4.8	24.1	2.3	40.6	43.8	25.9
Virginia	97,526	100.0	100.0	100.0	100.0	42.0	48.4	48.4	4.4	96.1	4.4	33.8	3.2	38.2	38.2	39.4
Washington	130,650	67.2	32.8	66.3	33.7	23.6	65.3	31.1	5.3	92.7	2.0	19.0	1.1	48.7	23.2	35.5
West Virginia	53,001	50.2	49.8	50.1	49.9	17.8	47.8	46.7	3.8	92.3	3.9	13.6	2.3	31.3	30.6	34.4
Wisconsin	70,487	99.5	97.2	100.0	98.8	68.9	95.6	52.0	2.9	97.7	2.9	43.6	3.1	60.0	32.6	67.8
Wyoming	23,046	51.3	48.7	53.7	46.3	16.5	54.2	40.3	2.7	36.8	61.0	16.1	21.4	48.5	36.1	12.4

NOTE: The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
2. Idaho: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4; IP and LT claims with service dates in 2009 that were adjudicated in FFY2010 Q3 and Q4; and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q3 and Q4
3. New Hampshire: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4, and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4
4. Oklahoma: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4
5. Utah: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4
6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

In MAX 2009, each of the four types of claims contains the following types of provider IDs: IP: Legacy Billing Provider IDs, NPI Billing Provider IDs LT: Legacy Billing Provider IDs, NPI Billing Provider IDs OT: Legacy Servicing Provider IDs, NPI Servicing Provider IDs, Legacy Billing Provider IDs RX: Legacy Billing Provider IDs, NPI Billing Provider IDs, Legacy Prescribing Provider IDs Historically, states have reported state-specific legacy provider IDs in the billing, servicing, and prescribing provider ID fields in MSIS. Starting in FY2009, states were required to report the corresponding NPI billing provider ID in IP, LT, and RX, and the NPI servicing provider ID in OT. In MAX 2009, some states chose to report the same provider ID in both the legacy provider ID field and the NPI provider ID field. States that show an even distribution of legacy provider IDs and NPIs (50/50) are reporting both types of provider IDs. Distributions near or around 100% indicate that the state is reporting the same provider ID in both fields.

Table 4. NPI-Related Issues in MAXPC 2009

State	Number of Provider IDs with NPIs				Percent NPI Source=MSIS ^a				Percent NPI Source=NPPES ^b				Percent NPI Source=State Provider File ^c			
	IP	LT	OT	RX	IP	LT	OT	RX	IP	LT	OT	RX	IP	LT	OT	RX
Alabama	573	538	45,159	3,340	100.0	100.0	98.2	84.1	0.0	0.0	1.8	15.9	0.0	0.0	0.0	0.0
Alaska	98	80	13,545	2,597	100.0	97.5	94.8	93.0	0.0	2.5	5.2	7.0	0.0	0.0	0.0	0.0
Arizona	944	288	46,819	17,734	100.0	100.0	98.6	92.6	0.0	0.0	1.4	7.4	0.0	0.0	0.0	0.0
Arkansas	427	620	31,842	7,029	98.4	99.7	92.1	86.7	1.6	0.3	7.9	13.3	0.0	0.0	0.0	0.0
California	2,490	1,990	699,791	83,281	99.4	99.0	99.1	75.7	0.6	1.0	0.9	24.3	0.0	0.0	0.0	0.0
Colorado	390	449	39,655	32,433	96.2	100.0	94.4	95.6	3.8	0.0	5.6	4.4	0.0	0.0	0.0	0.0
Connecticut	678	793	35,293	26,063	100.0	99.0	99.2	98.9	0.0	1.0	0.8	1.1	0.0	0.0	0.0	0.0
Delaware	43	66	6,398	3,358	100.0	100.0	99.1	99.5	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.0
District of Columbia	173	234	5,938	1,187	99.4	100.0	93.7	73.5	0.6	0.0	6.3	26.5	0.0	0.0	0.0	0.0
Florida	3,299	1,532	121,679	37,683	99.7	99.7	96.8	99.9	0.3	0.3	2.8	0.1	0.0	0.1	0.4	0.0
Georgia	724	434	97,379	2,268	99.9	100.0	99.8	99.4	0.1	0.0	0.2	0.6	0.0	0.0	0.0	0.0
Hawaii	200	118	7,069	556	99.5	100.0	96.2	98.9	0.5	0.0	3.8	1.1	0.0	0.0	0.0	0.0
Idaho	386	531	20,939	3,109	99.0	99.4	90.9	86.3	1.0	0.6	9.1	13.7	0.0	0.0	0.0	0.0
Illinois	1,227	1,575	99,124	33,854	100.0	100.0	99.9	99.9	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Indiana	837	2,011	63,386	17,690	95.7	99.1	79.5	99.8	0.4	0.2	5.2	0.1	3.9	0.7	15.2	0.1
Iowa	743	1,334	61,479	12,271	99.1	100.0	98.7	94.7	0.9	0.0	1.3	5.3	0.0	0.0	0.0	0.0
Kansas	710	777	43,042	10,614	99.0	99.9	99.1	100.0	1.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0
Kentucky	701	756	50,476	16,121	100.0	100.0	96.6	95.4	0.0	0.0	3.4	4.6	0.0	0.0	0.0	0.0
Louisiana	1,065	1,888	39,653	11,419	100.0	99.9	100.0	99.7	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0
Maine	15	43	1,250	738	0.0	0.0	2.7	99.5	100.0	100.0	97.3	0.5	0.0	0.0	0.0	0.0
Maryland	430	466	53,879	13,652	97.2	99.6	99.0	95.0	2.8	0.4	1.0	5.0	0.0	0.0	0.0	0.0
Massachusetts	482	1,406	73,856	5,272	95.0	71.0	81.0	76.4	5.0	29.0	19.0	23.6	0.0	0.0	0.0	0.0
Michigan	972	1,587	97,635	19,114	99.0	99.3	95.3	91.6	1.0	0.7	4.7	8.4	0.0	0.0	0.0	0.0
Minnesota	732	1,662	106,402	12,443	94.7	98.7	94.1	65.3	5.3	1.3	5.9	34.7	0.0	0.0	0.0	0.0
Mississippi	624	520	30,200	9,787	99.8	99.6	97.3	99.9	0.2	0.4	2.7	0.1	0.0	0.0	0.0	0.0
Missouri	746	1,057	45,692	11,150	94.9	98.3	91.3	85.4	5.1	1.7	8.7	14.6	0.0	0.0	0.0	0.0
Montana	326	268	16,687	3,558	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nebraska	20	42	1,624	443	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0

Table 4. NPI-Related Issues in MAXPC 2009

State	Number of Provider IDs with NPIs				Percent NPI Source=MSIS ^a				Percent NPI Source=NPPES ^b				Percent NPI Source=State Provider File ^c			
	IP	LT	OT	RX	IP	LT	OT	RX	IP	LT	OT	RX	IP	LT	OT	RX
Nevada	393	232	20,860	5,673	100.0	99.6	95.5	98.8	0.0	0.4	4.5	1.2	0.0	0.0	0.0	0.0
New Hampshire	122	188	16,151	694	98.4	98.9	92.7	81.0	1.6	1.1	7.3	19.0	0.0	0.0	0.0	0.0
New Jersey	604	681	66,916	18,810	92.9	85.8	97.0	91.2	7.1	14.2	3.0	8.8	0.0	0.0	0.0	0.0
New Mexico	928	502	48,255	13,459	100.0	100.0	99.0	97.3	0.0	0.0	1.0	2.7	0.0	0.0	0.0	0.0
New York	2,458	3,272	246,109	62,812	96.9	96.7	95.8	85.5	3.1	3.3	4.2	14.5	0.0	0.0	0.0	0.0
North Carolina	672	1,871	106,118	28,624	89.9	97.2	97.1	85.8	4.6	1.3	1.2	5.4	5.5	1.4	1.8	8.8
North Dakota	188	384	6,448	803	100.0	100.0	95.9	98.9	0.0	0.0	4.1	1.1	0.0	0.0	0.0	0.0
Ohio	728	2,364	61,640	14,491	88.7	99.0	81.6	98.9	11.3	1.0	18.4	1.1	0.0	0.0	0.0	0.0
Oklahoma	842	909	42,752	12,100	99.9	100.0	97.3	100.0	0.1	0.0	2.7	0.0	0.0	0.0	0.0	0.0
Oregon	315	325	38,975	13,812	97.5	97.5	97.8	99.4	2.5	2.5	2.2	0.6	0.0	0.0	0.0	0.0
Pennsylvania	849	1,877	84,343	9,465	100.0	100.0	99.9	99.7	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0
Rhode Island	71	112	3,612	2,357	73.2	94.6	96.2	99.8	26.8	5.4	3.8	0.2	0.0	0.0	0.0	0.0
South Carolina	222	226	458	472	100.0	12.4	57.9	28.8	0.0	87.6	42.1	71.2	0.0	0.0	0.0	0.0
South Dakota	356	331	11,990	319	99.7	99.4	86.9	52.4	0.3	0.6	13.1	47.6	0.0	0.0	0.0	0.0
Tennessee	1,644	851	56,003	18,455	100.0	100.0	98.5	99.8	0.0	0.0	1.5	0.2	0.0	0.0	0.0	0.0
Texas	851	1,983	88,128	9,411	100.0	100.0	99.9	90.1	0.0	0.0	0.1	9.9	0.0	0.0	0.0	0.0
Utah	209	216	17,421	5,928	100.0	100.0	99.8	99.4	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0
Vermont	210	133	15,228	4,331	100.0	100.0	96.5	98.8	0.0	0.0	3.5	1.2	0.0	0.0	0.0	0.0
Virginia	1,291	374	74,538	19,958	100.0	100.0	99.9	99.2	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.0
Washington	545	647	74,439	18,193	99.8	100.0	100.0	99.8	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0
West Virginia	482	481	31,906	2,989	99.8	100.0	93.4	99.6	0.2	0.0	6.6	0.4	0.0	0.0	0.0	0.0
Wisconsin	382	411	26,656	8,594	100.0	100.0	98.7	96.1	0.0	0.0	1.3	3.9	0.0	0.0	0.0	0.0
Wyoming	275	215	16,082	6,187	100.0	100.0	97.0	95.9	0.0	0.0	3.0	4.1	0.0	0.0	0.0	0.0

NOTE: The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
2. Idaho: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4; IP and LT claims with service dates in 2009 that were adjudicated in FFY2010 Q3 and Q4; and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q3 and Q4
3. New Hampshire: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4, and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4
4. Oklahoma: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4
5. Utah: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4
6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

^a Values less than 90 percent are below the expected level and are considered anomalous.

^b Values greater than 10 percent are above the expected level and are considered anomalous.

^c Values greater than 5 percent are above the expected level and are considered anomalous.

Table 5. NPPES-Linkage Issues in MAXPC 2009

State	Number of Provider IDs Linked to NPPES				Percent Linked to NPPES Via NPI				Percent Provider Is In-State			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^a	RX ^a	IP ^b	LT ^a	OT ^c	RX ^c
Alabama	573	530	45,038	3,332	100.0	100.0	98.2	84.1	40.7	99.6	80.3	79.4
Alaska	95	78	13,182	2,587	100.0	97.4	94.6	93.0	33.7	47.4	61.4	77.0
Arizona	944	288	46,683	17,686	100.0	100.0	98.6	92.6	35.0	95.1	80.2	89.9
Arkansas	427	620	31,718	6,997	98.4	99.7	92.1	86.7	45.2	97.4	78.8	81.2
California	954	1,201	74,794	50,155	98.4	98.3	91.1	59.6	40.5	99.5	89.0	84.6
Colorado	390	449	39,416	32,309	96.2	100.0	94.4	95.6	43.1	97.6	88.4	83.8
Connecticut	678	793	34,928	25,819	100.0	99.0	99.2	98.9	18.3	95.2	77.3	68.2
Delaware	43	64	6,300	3,349	100.0	100.0	99.0	99.5	20.9	75.0	70.9	76.8
District of Columbia	148	234	5,743	1,175	99.3	100.0	93.5	73.3	23.6	67.9	51.3	63.8
Florida	3,291	1,526	121,066	37,502	99.7	99.7	97.2	99.9	56.3	99.5	92.8	96.2
Georgia	723	433	97,099	2,205	99.9	100.0	99.8	99.4	45.1	96.8	84.3	96.2
Hawaii	200	118	7,037	552	99.5	100.0	96.2	98.9	88.0	98.3	92.0	97.3
Idaho	386	531	20,842	2,893	99.0	99.4	90.9	85.3	45.3	94.2	65.5	80.1
Illinois	1,227	1,575	98,873	33,762	100.0	100.0	99.9	99.9	34.7	98.5	75.2	82.2
Indiana	837	2,011	62,337	17,636	99.6	99.8	94.7	99.9	47.6	99.5	78.5	85.4
Iowa	739	1,334	50,711	12,216	99.1	100.0	98.4	94.7	35.7	95.7	63.5	65.6
Kansas	710	775	42,806	10,581	99.0	99.9	99.1	100.0	51.0	98.7	72.0	69.9
Kentucky	701	756	50,348	16,071	100.0	100.0	96.5	95.4	31.5	99.5	64.9	76.1
Louisiana	930	1,693	38,317	11,350	100.0	99.9	100.0	99.7	38.8	99.3	83.9	90.0
Maine	15	43	1,228	4	0.0	0.0	1.0	0.0	93.3	97.7	95.4	50.0
Maryland	429	466	43,712	13,610	97.2	99.6	98.8	94.9	33.1	98.1	78.7	85.2
Massachusetts	482	1,406	73,703	5,258	95.0	71.0	80.9	76.3	51.5	98.2	91.4	92.8
Michigan	964	1,583	96,823	18,986	99.0	99.3	95.2	91.6	62.4	96.1	85.5	89.6
Minnesota	731	1,646	57,678	12,381	94.7	98.7	89.0	65.1	40.6	94.3	82.8	82.9
Mississippi	624	520	30,057	9,746	99.8	99.6	97.3	99.9	47.8	95.8	63.7	78.4
Missouri	731	1,053	33,372	10,064	94.8	98.3	88.1	83.8	69.9	99.2	82.5	88.1
Montana	326	268	16,645	3,547	100.0	100.0	100.0	100.0	43.6	88.8	62.4	79.2
Nebraska	20	42	1,624	443	0.0	0.0	0.0	0.0	70.0	100.0	93.5	93.2
Nevada	393	232	19,586	5,639	100.0	99.6	95.2	98.8	45.5	54.7	69.6	85.5
New Hampshire	2	2	1,295	691	0.0	0.0	8.6	80.9	50.0	100.0	81.6	76.6
New Jersey	594	680	65,283	18,725	92.8	85.7	96.9	91.2	44.6	97.5	75.5	88.9
New Mexico	922	502	48,095	13,432	100.0	100.0	99.0	97.3	32.0	81.9	60.8	59.1
New York	2,435	3,265	243,782	62,452	96.8	96.7	95.8	85.4	50.8	94.4	85.0	93.3
North Carolina	666	1,863	105,212	28,484	95.3	98.7	98.8	94.6	53.5	98.0	89.9	88.2
North Dakota	188	384	6,406	792	100.0	100.0	95.9	98.9	62.2	90.6	72.0	68.9
Ohio	82	24	11,311	165	0.0	0.0	0.0	0.0	84.1	100.0	93.5	90.3
Oklahoma	842	907	41,623	11,810	99.9	100.0	97.2	100.0	42.6	96.0	70.1	80.1
Oregon	315	323	38,880	13,795	97.5	97.5	97.8	99.4	50.2	98.8	75.5	88.2
Pennsylvania	847	1,877	83,968	9,393	100.0	100.0	99.9	99.7	60.8	99.0	89.0	93.8
Rhode Island	71	112	3,594	2,352	73.2	94.6	96.2	99.8	26.8	94.6	84.6	90.1
South Carolina	221	226	457	472	100.0	12.4	57.8	28.8	38.9	98.7	70.9	56.6

Table 5. NPPES-Linkage Issues in MAXPC 2009

State	Number of Provider IDs Linked to NPPES				Percent Linked to NPPES Via NPI				Percent Provider Is In-State			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^a	RX ^a	IP ^b	LT ^a	OT ^c	RX ^c
South Dakota	356	329	11,911	317	99.7	99.4	86.9	52.1	42.1	92.7	68.3	73.5
Tennessee	1,642	851	55,828	18,383	100.0	100.0	98.5	99.8	59.9	98.5	72.7	34.5
Texas	619	1,968	77,132	9,385	100.0	100.0	99.9	90.1	63.5	99.5	93.9	90.7
Utah	209	216	17,366	5,893	100.0	100.0	99.8	99.4	52.2	100.0	87.2	91.4
Vermont	210	133	15,179	4,326	100.0	100.0	96.5	98.8	24.3	78.2	56.5	58.2
Virginia	1,285	374	71,186	19,887	100.0	100.0	99.9	99.2	53.7	96.8	70.7	81.0
Washington	545	646	73,983	18,132	99.8	100.0	100.0	99.8	63.3	98.1	86.4	91.2
West Virginia	482	481	31,843	2,983	99.8	100.0	93.4	99.6	28.0	85.7	51.5	66.6
Wisconsin	382	411	26,530	8,539	100.0	100.0	98.7	96.0	38.2	98.5	71.3	76.2
Wyoming	275	215	16,020	6,151	100.0	100.0	97.0	95.9	26.9	66.0	33.2	38.5

NOTE: The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
2. Idaho: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4; IP and LT claims with service dates in 2009 that were adjudicated in FFY2010 Q3 and Q4; and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q3 and Q4
3. New Hampshire: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4, and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4
4. Oklahoma: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4
5. Utah: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4
6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

^a Values less than 90 percent are below the expected level and are considered anomalous.

^b Values less than 20 percent are below the expected level and are considered anomalous.

^c Values less than 75 percent are below the expected level and are considered anomalous.

Table 6. Provider Taxonomy Issues in MAXPC 2009

State	Number of Provider IDs with Primary Taxonomy				Percent with Primary Taxonomy				Percent Individual or Group of Individuals				Percent Nonindividuals			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^a	RX ^a	IP ^b	LT ^b	OT ^c	RX ^{b,d}	IP ^e	LT ^e	OT ^f	RX ^{e,d}
Alabama	573	538	45,043	3,319	100.0	100.0	99.7	99.4	0.7	0.2	84.7	21.5	99.3	99.8	15.3	78.5
Alaska	95	74	12,840	2,534	100.0	94.9	97.4	98.0	1.1	2.7	92.7	93.2	98.9	97.3	7.3	6.8
Arizona	940	286	46,106	17,533	99.6	99.3	98.7	99.0	0.4	0.0	85.7	85.7	99.6	100.0	14.3	14.3
Arkansas	421	612	31,599	6,957	98.6	98.7	99.4	99.2	1.2	0.5	85.0	73.9	98.8	99.5	15.0	26.1
California	967	1,216	73,778	49,046	99.6	99.8	98.1	97.7	1.0	34.0	56.5	62.9	99.0	66.0	43.5	37.1
Colorado	387	445	39,142	32,041	99.2	99.1	99.2	99.1	2.6	4.5	64.2	73.2	97.4	95.5	35.8	26.8
Connecticut	678	788	34,083	25,322	100.0	99.4	97.5	98.0	0.6	0.0	86.5	92.0	99.4	100.0	13.5	8.0
Delaware	43	65	6,321	3,341	100.0	98.4	99.7	99.6	0.0	1.5	78.1	92.0	100.0	98.5	21.9	8.0
District of Columbia	148	234	5,744	1,162	100.0	100.0	99.4	98.7	0.0	0.0	57.2	62.3	100.0	100.0	42.8	37.7
Florida	3,286	1,525	120,819	37,461	99.6	99.6	99.4	99.6	2.4	0.5	83.3	78.4	97.6	99.5	16.7	21.6
Georgia	724	434	97,357	2,249	100.0	100.0	100.0	99.9	22.2	2.3	85.1	5.3	77.8	97.7	14.9	94.7
Hawaii	200	118	6,915	548	100.0	100.0	98.0	99.3	11.0	6.8	81.3	10.4	89.0	93.2	18.7	89.6
Idaho	386	531	20,781	3,089	100.0	100.0	99.4	99.7	0.5	0.0	82.6	57.3	99.5	100.0	17.4	42.7
Illinois	1,221	1,524	97,904	33,429	99.5	96.8	98.9	98.8	0.1	0.0	80.8	92.2	99.9	100.0	19.2	7.8
Indiana	837	1,996	62,255	17,587	100.0	99.3	99.2	99.4	1.9	0.5	76.8	83.8	98.1	99.5	23.2	16.2
Iowa	737	1,287	50,297	12,100	99.7	96.5	99.0	98.8	13.4	2.3	84.7	92.7	86.6	97.7	15.3	7.3
Kansas	710	771	41,577	10,318	100.0	99.5	97.1	97.5	11.8	0.0	85.3	78.1	88.2	100.0	14.7	21.9
Kentucky	701	756	50,375	16,077	100.0	100.0	99.8	99.8	0.3	0.3	82.5	81.9	99.7	99.7	17.5	18.1
Louisiana	923	1,686	37,729	11,132	99.2	99.6	98.5	98.1	0.4	0.4	78.5	78.6	99.6	99.6	21.5	21.4
Maine	15	43	1,228	4	100.0	100.0	100.0	100.0	0.0	0.0	39.8	100.0	100.0	100.0	60.2	0.0
Maryland	418	449	43,200	13,402	97.2	96.4	98.1	98.4	0.0	0.0	86.0	79.8	100.0	100.0	14.0	20.2
Massachusetts	482	1,403	73,561	5,251	100.0	99.8	99.6	99.6	0.0	0.1	90.5	36.3	100.0	99.9	9.5	63.7
Michigan	965	1,560	96,471	18,914	99.7	98.5	99.1	99.3	9.7	3.4	67.3	63.5	90.3	96.6	32.7	36.5
Minnesota	730	1,642	67,412	12,367	99.7	99.3	99.0	99.7	2.6	5.2	57.0	30.3	97.4	94.8	43.0	69.7
Mississippi	624	520	30,082	9,781	100.0	100.0	99.8	99.9	1.0	0.4	83.9	79.1	99.0	99.6	16.1	20.9
Missouri	726	1,046	36,564	9,985	99.3	99.2	98.6	99.1	26.2	0.2	64.6	55.8	73.8	99.8	35.4	44.2
Montana	324	263	16,434	3,505	99.4	98.1	98.6	98.6	0.9	6.5	80.4	79.4	99.1	93.5	19.6	20.6
Nebraska	20	40	1,573	435	100.0	95.2	96.9	98.2	15.0	10.0	72.7	65.7	85.0	90.0	27.3	34.3

Table 6. Provider Taxonomy Issues in MAXPC 2009

State	Number of Provider IDs with Primary Taxonomy				Percent with Primary Taxonomy				Percent Individual or Group of Individuals				Percent Nonindividuals			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^a	RX ^a	IP ^b	LT ^b	OT ^c	RX ^{b,d}	IP ^e	LT ^e	OT ^f	RX ^{e,d}
Nevada	393	226	19,545	5,636	100.0	97.4	99.2	99.5	1.3	0.9	82.5	80.2	98.7	99.1	17.5	19.8
New Hampshire	100	149	11,734	687	100.0	100.0	95.9	99.4	4.0	1.3	87.1	2.8	96.0	98.7	12.9	97.2
New Jersey	590	680	64,129	18,327	99.3	99.9	98.1	97.8	5.8	2.1	81.1	77.8	94.2	97.9	18.9	22.2
New Mexico	922	498	47,877	13,379	99.6	99.2	99.3	99.5	4.0	2.8	71.7	53.2	96.0	97.2	28.3	46.8
New York	2,410	3,236	238,809	61,159	99.0	99.1	98.0	97.9	1.7	1.3	87.8	85.2	98.3	98.7	12.2	14.8
North Carolina	670	1,845	104,957	28,178	100.0	98.7	99.0	98.8	0.3	0.7	75.4	84.0	99.7	99.3	24.6	16.0
North Dakota	188	382	6,438	799	100.0	99.5	99.9	99.5	2.7	1.6	80.7	43.7	97.3	98.4	19.3	56.3
Ohio	82	22	11,114	150	100.0	91.7	98.3	90.9	2.4	0.0	78.7	8.7	97.6	100.0	21.3	91.3
Oklahoma	842	909	42,097	12,087	100.0	100.0	99.9	99.9	0.4	0.1	79.6	82.6	99.6	99.9	20.4	17.4
Oregon	315	324	38,929	13,800	100.0	99.7	99.9	99.9	0.3	0.9	90.3	88.5	99.7	99.1	9.7	11.5
Pennsylvania	849	1,873	83,952	9,327	100.0	99.8	99.6	99.0	0.2	0.1	83.9	35.1	99.8	99.9	16.1	64.9
Rhode Island	70	111	3,587	2,348	98.6	99.1	99.5	99.7	18.6	1.8	86.0	94.4	81.4	98.2	14.0	5.6
South Carolina	222	225	453	467	100.0	99.6	98.9	98.9	2.7	0.0	38.2	77.7	97.3	100.0	61.8	22.3
South Dakota	356	325	11,823	314	100.0	98.2	99.0	99.1	1.1	1.2	73.3	3.2	98.9	98.8	26.7	96.8
Tennessee	1,620	831	55,624	18,440	98.5	97.6	99.4	99.9	2.5	1.1	66.3	13.0	97.5	98.9	33.7	87.0
Texas	622	1,945	77,680	9,374	99.5	98.5	99.3	99.6	5.3	0.2	80.3	8.9	94.7	99.8	19.7	91.1
Utah	209	216	17,127	5,824	100.0	100.0	98.5	98.6	1.0	0.0	84.1	80.9	99.0	100.0	15.9	19.1
Vermont	210	133	14,939	4,247	100.0	100.0	98.2	98.1	0.0	0.0	92.3	89.0	100.0	100.0	7.7	11.0
Virginia	1,282	369	71,606	19,713	99.3	98.7	98.8	98.9	4.7	0.5	84.2	90.3	95.3	99.5	15.8	9.7
Washington	543	644	73,621	18,053	99.6	99.7	99.1	99.4	2.4	0.0	82.6	81.8	97.6	100.0	17.4	18.2
West Virginia	482	481	31,855	2,984	100.0	100.0	99.8	99.8	0.0	0.2	84.0	45.0	100.0	99.8	16.0	55.0
Wisconsin	382	411	26,522	8,562	100.0	100.0	99.5	99.7	0.5	0.0	68.7	72.2	99.5	100.0	31.3	27.8
Wyoming	274	214	16,023	6,142	99.6	99.5	99.8	99.6	0.4	0.5	89.8	96.9	99.6	99.5	10.2	3.1

NOTE: The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
2. Idaho: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4; IP and LT claims with service dates in 2009 that were adjudicated in FFY2010 Q3 and Q4; and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q3 and Q4
3. New Hampshire: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4, and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4
4. Oklahoma: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4
5. Utah: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4
6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

^a Values less than 90 percent are below the expected level and are considered anomalous.

^b Values more than 5 percent are above the expected level and are considered anomalous.

^c Values less than 75 percent are below the expected level and are considered anomalous.

^d The vast majority of provider IDs reported in the RX files are prescribing provider IDs thereby driving up the percentage of claims for individuals or groups of individuals, and driving down the percentage of claims for nonindividuals.

^e Values less than 95 percent are below the expected level and are considered anomalous.

^f Values more than 25 percent are above the expected level and are considered anomalous.

Table 7. Individual Provider Entity Issues in MAXPC 2009

State	Number of Provider IDs with Entity Type=Individual				Percent Provider Entity Type=Individual				Percent Sole Proprietorships			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^b	RX ^c	IP	LT	OT	RX
Alabama	0	0	37,383	422	0.0	0.0	83.0	12.7	0.0	0.0	14.6	41.5
Alaska	0	0	12,044	2,385	0.0	0.0	91.4	92.2	0.0	0.0	17.8	17.3
Arizona	0	0	38,312	15,059	0.0	0.0	82.1	85.1	0.0	0.0	18.8	16.7
Arkansas	0	0	26,637	5,203	0.0	0.0	84.0	74.4	0.0	0.0	22.2	17.3
California	6	2	17,378	23,728	0.6	0.2	23.2	47.3	16.7	50.0	44.7	26.9
Colorado	0	0	32,755	30,923	0.0	0.0	83.1	95.7	0.0	0.0	13.9	13.8
Connecticut	0	0	28,177	23,550	0.0	0.0	80.7	91.2	0.0	0.0	15.3	22.3
Delaware	0	0	5,539	3,046	0.0	0.0	87.9	91.0	0.0	0.0	14.7	16.8
District of Columbia	0	0	2,841	636	0.0	0.0	49.5	54.1	0.0	0.0	21.9	30.3
Florida	20	0	92,727	28,921	0.6	0.0	76.6	77.1	40.0	0.0	24.0	22.5
Georgia	120	4	80,968	12	16.6	0.9	83.4	0.5	41.7	25.0	18.7	66.7
Hawaii	13	0	4,596	41	6.5	0.0	65.3	7.4	30.8	0.0	37.2	36.6
Idaho	0	0	16,694	1,755	0.0	0.0	80.1	60.7	0.0	0.0	17.1	19.9
Illinois	0	0	79,283	29,780	0.0	0.0	80.2	88.2	0.0	0.0	14.7	16.0
Indiana	0	0	42,193	14,570	0.0	0.0	67.7	82.6	0.0	0.0	13.9	13.7
Iowa	0	0	38,487	11,027	0.0	0.0	75.9	90.3	0.0	0.0	10.0	9.1
Kansas	0	0	35,377	8,149	0.0	0.0	82.6	77.0	0.0	0.0	12.3	12.2
Kentucky	0	0	38,895	12,865	0.0	0.0	77.3	80.1	0.0	0.0	14.1	15.1
Louisiana	2	4	26,400	8,426	0.2	0.2	68.9	74.2	0.0	100.0	22.9	23.6
Maine	0	0	204	4	0.0	0.0	16.6	100.0	0.0	0.0	70.1	0.0
Maryland	0	0	33,232	10,464	0.0	0.0	76.0	76.9	0.0	0.0	18.3	18.6
Massachusetts	0	1	62,597	1,773	0.0	0.1	84.9	33.7	0.0	0.0	15.3	14.0
Michigan	5	0	33,920	10,668	0.5	0.0	35.0	56.2	0.0	0.0	21.6	20.4
Minnesota	1	1	39,754	4,663	0.1	0.1	68.9	37.7	0.0	0.0	12.1	7.3
Mississippi	0	0	23,602	7,614	0.0	0.0	78.5	78.1	0.0	0.0	19.6	20.3
Missouri	42	0	6,362	1,894	5.7	0.0	19.1	18.8	50.0	0.0	34.8	19.3
Montana	0	0	13,197	2,807	0.0	0.0	79.3	79.1	0.0	0.0	18.7	12.9
Nebraska	3	5	967	270	15.0	11.9	59.5	60.9	33.3	0.0	37.1	38.5
Nevada	0	0	15,890	4,562	0.0	0.0	81.1	80.9	0.0	0.0	18.9	18.0
New Hampshire	0	0	525	0	0.0	0.0	40.5	0.0	0.0	0.0	31.6	0.0
New Jersey	23	0	47,250	14,254	3.9	0.0	72.4	76.1	26.1	0.0	22.4	23.8
New Mexico	8	0	15,822	2,441	0.9	0.0	32.9	18.2	25.0	0.0	26.5	26.3
New York	9	32	205,378	52,388	0.4	1.0	84.2	83.9	22.2	34.4	29.3	27.8
North Carolina	0	2	64,383	22,814	0.0	0.1	61.2	80.1	0.0	100.0	18.5	13.9
North Dakota	0	0	4,713	247	0.0	0.0	73.6	31.2	0.0	0.0	13.7	19.0
Ohio	1	0	5,946	13	1.2	0.0	52.6	7.9	0.0	0.0	43.7	61.5
Oklahoma	0	0	32,268	9,724	0.0	0.0	77.5	82.3	0.0	0.0	18.7	18.9
Oregon	2	2	34,310	12,097	0.6	0.6	88.2	87.7	0.0	0.0	17.0	15.2
Pennsylvania	0	0	69,030	2,438	0.0	0.0	82.2	26.0	0.0	0.0	15.3	22.8
Rhode Island	12	1	3,081	2,250	16.9	0.9	85.7	95.7	33.3	100.0	15.4	14.7
South Carolina	0	0	163	388	0.0	0.0	35.7	82.2	0.0	0.0	17.8	20.4

Table 7. Individual Provider Entity Issues in MAXPC 2009

State	Number of Provider IDs with Entity Type=Individual				Percent Provider Entity Type=Individual				Percent Sole Proprietorships			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^b	RX ^c	IP	LT	OT	RX
South Dakota	0	0	7,707	1	0.0	0.0	64.7	0.3	0.0	0.0	10.0	0.0
Tennessee	12	3	34,941	2,344	0.7	0.4	62.6	12.8	8.3	33.3	17.7	21.8
Texas	22	2	60,798	709	3.6	0.1	78.8	7.6	31.8	100.0	24.0	39.2
Utah	0	0	13,159	4,679	0.0	0.0	75.8	79.4	0.0	0.0	19.6	20.0
Vermont	0	0	13,906	3,844	0.0	0.0	91.6	88.9	0.0	0.0	21.6	16.9
Virginia	1	0	57,063	17,726	0.1	0.0	80.2	89.1	0.0	0.0	14.3	13.4
Washington	7	0	48,682	14,927	1.3	0.0	65.8	82.3	0.0	0.0	15.7	14.3
West Virginia	0	0	25,580	1,304	0.0	0.0	80.3	43.7	0.0	0.0	17.4	17.2
Wisconsin	0	0	17,183	6,089	0.0	0.0	64.8	71.3	0.0	0.0	12.1	10.5
Wyoming	0	0	14,373	5,884	0.0	0.0	89.7	95.7	0.0	0.0	15.6	18.4

NOTE: The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
2. Idaho: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4; IP and LT claims with service dates in 2009 that were adjudicated in FFY2010 Q3 and Q4; and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q3 and Q4
3. New Hampshire: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4, and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4
4. Oklahoma: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4
5. Utah: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4
6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

^a Values more than 5 percent are above the expected level and are considered anomalous.

^b Values less than 75 percent are below the expected level and are considered anomalous.

^c The vast majority of provider IDs reported in the RX files are prescribing provider IDs thereby driving up the percentage of claims for individuals or groups of individuals, and driving down the percentage of claims for organizations. For the RX, values more than 5 percent are above the expected level and are considered anomalous.

Table 8. Organizational Provider Entity Issues in MAXPC 2009

State	Number of Provider IDs with Entity Type=Organization				Percent Provider Entity Type=Organization				Percent Subpart			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^b	RX ^c	IP	LT	OT	RX
Alabama	573	530	7,655	2,910	100.0	100.0	17.0	87.3	6.6	11.1	12.4	21.0
Alaska	95	78	1,138	202	100.0	100.0	8.6	7.8	13.7	9.0	9.8	22.8
Arizona	944	288	8,371	2,627	100.0	100.0	17.9	14.9	11.9	13.2	9.8	32.2
Arkansas	427	620	5,081	1,794	100.0	100.0	16.0	25.6	4.7	4.8	13.9	26.3
California	948	1,199	57,416	26,427	99.4	99.8	76.8	52.7	12.9	6.5	11.4	16.0
Colorado	390	449	6,661	1,386	100.0	100.0	16.9	4.3	13.1	12.5	12.6	29.5
Connecticut	678	793	6,751	2,269	100.0	100.0	19.3	8.8	5.6	6.1	8.3	13.4
Delaware	43	64	761	303	100.0	100.0	12.1	9.0	7.0	9.4	17.5	33.7
District of Columbia	148	234	2,902	539	100.0	100.0	50.5	45.9	3.4	3.0	3.9	5.0
Florida	3,271	1,526	28,339	8,581	99.4	100.0	23.4	22.9	10.4	14.3	13.2	26.8
Georgia	603	429	16,131	2,193	83.4	99.1	16.6	99.5	7.0	10.3	11.2	18.8
Hawaii	187	118	2,441	511	93.5	100.0	34.7	92.6	9.6	6.8	7.3	12.5
Idaho	386	531	4,148	1,138	100.0	100.0	19.9	39.3	11.4	16.0	8.5	20.0
Illinois	1,227	1,575	19,590	3,982	100.0	100.0	19.8	11.8	10.9	11.0	18.4	29.3
Indiana	837	2,011	20,144	3,066	100.0	100.0	32.3	17.4	10.4	3.9	11.0	26.4
Iowa	739	1,334	12,224	1,189	100.0	100.0	24.1	9.7	7.0	11.7	10.2	18.4
Kansas	710	775	7,429	2,432	100.0	100.0	17.4	23.0	6.6	10.6	14.2	37.7
Kentucky	701	756	11,453	3,206	100.0	100.0	22.7	19.9	9.3	20.1	10.5	17.9
Louisiana	928	1,689	11,917	2,924	99.8	99.8	31.1	25.8	10.2	8.0	4.7	24.3
Maine	15	43	1,024	0	100.0	100.0	83.4	0.0	0.0	0.0	8.1	0.0
Maryland	429	466	10,480	3,146	100.0	100.0	24.0	23.1	6.3	7.1	9.0	12.3
Massachusetts	482	1,405	11,106	3,485	100.0	99.9	15.1	66.3	11.4	3.7	5.6	17.6
Michigan	959	1,583	62,903	8,318	99.5	100.0	65.0	43.8	10.0	14.4	11.0	15.2
Minnesota	730	1,645	17,924	7,718	99.9	99.9	31.1	62.3	9.9	15.7	11.6	15.0
Mississippi	624	520	6,455	2,132	100.0	100.0	21.5	21.9	11.7	18.1	11.6	26.2
Missouri	689	1,053	27,010	8,170	94.3	100.0	80.9	81.2	13.4	8.0	12.4	22.9
Montana	326	268	3,448	740	100.0	100.0	20.7	20.9	8.9	21.6	11.0	15.3
Nebraska	17	37	657	173	85.0	88.1	40.5	39.1	17.6	2.7	15.1	22.5
Nevada	393	232	3,696	1,077	100.0	100.0	18.9	19.1	9.9	10.3	15.5	29.4
New Hampshire	2	2	770	691	100.0	100.0	59.5	100.0	0.0	0.0	15.2	20.4
New Jersey	571	680	18,033	4,471	96.1	100.0	27.6	23.9	12.1	4.6	8.1	13.8
New Mexico	914	502	32,273	10,991	99.1	100.0	67.1	81.8	12.7	18.1	7.5	34.1
New York	2,426	3,233	38,404	10,064	99.6	99.0	15.8	16.1	10.9	10.9	8.8	15.0
North Carolina	666	1,861	40,829	5,670	100.0	99.9	38.8	19.9	12.3	6.1	8.3	16.2
North Dakota	188	384	1,693	545	100.0	100.0	26.4	68.8	8.0	19.8	7.8	5.7
Ohio	81	24	5,365	152	98.8	100.0	47.4	92.1	6.2	0.0	7.8	5.3
Oklahoma	842	907	9,355	2,086	100.0	100.0	22.5	17.7	8.3	6.6	11.8	25.8
Oregon	313	321	4,570	1,698	99.4	99.4	11.8	12.3	17.6	15.9	11.0	14.4
Pennsylvania	847	1,877	14,938	6,955	100.0	100.0	17.8	74.0	8.6	9.9	10.0	15.2
Rhode Island	59	111	513	102	83.1	99.1	14.3	4.3	8.5	5.4	9.4	19.6
South Carolina	221	226	294	84	100.0	100.0	64.3	17.8	11.3	7.1	6.5	10.7

Table 8. Organizational Provider Entity Issues in MAXPC 2009

State	Number of Provider IDs with Entity Type=Organization				Percent Provider Entity Type=Organization				Percent Subpart			
	IP	LT	OT	RX	IP ^a	LT ^a	OT ^b	RX ^c	IP	LT	OT	RX
South Dakota	356	329	4,204	316	100.0	100.0	35.3	99.7	9.0	23.1	9.0	17.7
Tennessee	1,630	848	20,887	16,039	99.3	99.6	37.4	87.2	15.2	18.5	10.3	53.5
Texas	597	1,966	16,334	8,676	96.4	99.9	21.2	92.4	7.7	3.8	8.8	30.4
Utah	209	216	4,207	1,214	100.0	100.0	24.2	20.6	5.7	13.0	8.4	18.5
Vermont	210	133	1,273	482	100.0	100.0	8.4	11.1	8.1	4.5	6.0	14.7
Virginia	1,284	374	14,123	2,161	99.9	100.0	19.8	10.9	9.0	12.3	9.3	16.8
Washington	538	646	25,301	3,205	98.7	100.0	34.2	17.7	12.6	16.6	12.3	21.3
West Virginia	482	481	6,263	1,679	100.0	100.0	19.7	56.3	7.1	6.4	8.8	13.3
Wisconsin	382	411	9,347	2,450	100.0	100.0	35.2	28.7	9.4	11.2	12.7	19.8
Wyoming	275	215	1,647	267	100.0	100.0	10.3	4.3	13.1	14.4	8.3	12.0

NOTE: The following six states were processed without the full complement of seven quarters of data typically used when processing MAX files:

1. Hawaii: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q2, Q3, and Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010
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3. New Hampshire: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4, and RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4
4. Oklahoma: Excludes OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4
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6. Wisconsin: Excludes IP, LT, and OT claims with service dates in 2009 that were adjudicated in FFY2010 Q4 as well as RX claims with fill dates in 2009 that were adjudicated in FFY2010 Q4

^a Values less than 95 percent are below the expected level and are considered anomalous.

^b Values more than 25 percent are above the expected level and are considered anomalous.

^c The vast majority of provider IDs reported in the RX files are prescribing provider IDs thereby driving up the percentage of claims for individuals or groups of individuals, and driving down the percentage of claims for organizations. For the RX, values less than 95 percent are below the expected level and are considered anomalous.

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