

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

**State-Specific Validation Tables,  
2010**

**Louisiana**

May 31, 2013

Deo Bencio  
Mei-ling Mason



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## ACRONYMS

CMS	Centers for Medicare & Medicaid Services
CY	Calendar year
FY	Federal fiscal year
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
NPPES	National Plan and Provider Enumeration System
OT	Other services
RX	Drug
UPIN	Unique Physician Identification Number

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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. There is currently considerable interest at the Centers for Medicare & Medicaid Services (CMS) in also 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.<sup>1</sup> The NPI is a unique 10-digit, sequentially assigned national identification number, unstructured so as not to carry 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.

Once the state’s MAXPC file is created, validation tables are produced. Validation tables are designed as a diagnostic tool to determine whether linkages are working in the expected manner and consist of a set of seven tables. The first six tables focus on provider ID types in the IP, LT, OT, and RX files. These provider types are: IP billing, LT billing, OT servicing, OT billing, RX billing, and RX prescribing provider IDs. The seventh table examines all provider IDs in all of the files. Each file-specific validation table is used to detect linkage issues that are peculiar to a given file type. The all-provider table is used to monitor the overall quality of the linkages of all provider IDs. The design of the validation tables is very similar across file types. The measures are grouped into seven sections as denoted by the shaded rows. The first section describes measures for each unique provider in the file. The second section focuses on the source of NPIs. The third section focuses on provider IDs that link to NPPES, followed by a section for provider IDs that link to state provider files. The fifth section focuses on the primary taxonomy of providers that link to NPPES. Among providers, taxonomies are classified into two groups: (1) individuals or groups of individuals, and (2) nonindividuals. The sixth section focuses on individual providers showing their sole proprietorship status. Finally, the seventh section focuses on provider organizations and their ownership status.

The columns in the state-specific tables describe the annual statistics for up to three years, followed by a column describing the percentage change between year one and year two, the

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<sup>1</sup> CMS. “National Provider Identifier (NPI) Overview.” Available at <http://www.cms.gov/nationalProvIdentstand/>.

percentage change between year two and year three, if applicable, followed by the expected range of values across years, and finally, an indicator showing whether the percentage change between the two most recent years being compared is within the expected range.

The primary source of data used in the MAXPC 2010 files were the MSIS Valid claims files. The following measures in the MAXPC file were derived from original, unadjusted claims:

- Number of IP Claims for Provider
- Number of Beneficiaries with IP Claims for Provider
- Number of LT Claims for Provider
- Number of Beneficiaries with LT Claims for Provider
- Number of OT Claims for Provider
- Number of Beneficiaries with OT Claims for Provider
- Number of RX Claims for provider
- Number of Beneficiaries with RX Claims for Provider.

2009-2010 MAX IP Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
<b>IP Providers</b>					
Number of provider IDs	1,199	1,282	6.92	30% (+/-)	Yes
% billing provider on IP claim	40.2	39.2	-2.40	N/A	N/A
% NPI billing provider on IP claim	59.8	60.8	1.61	N/A	N/A
% also a provider on LT claim	2.3	1.4	-37.66	N/A	N/A
% also a provider on OT claim	69.8	69.0	-1.22	N/A	N/A
% also a provider on RX claim	10.3	6.5	-36.89	N/A	N/A
% provider IDs with NPI	88.8	91.8	3.36	30% (+/-)	Yes
% provider IDs linked to NPPES	77.6	78.5	1.17	30% (+/-)	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	Div by 0	N/A	N/A
average number of IP claims	521.8	499.2	-4.34	30% (+/-)	Yes
average number of beneficiaries with IP claims	362.3	341.4	-5.77	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	1,065	1,177	10.52	30% (+/-)	Yes
% NPI source = MSIS	100.0	100.0	0.00	30% (+/-)	Yes
% NPI source = NPPES	0.0	0.0	Div by 0	30% (+/-)	N/A
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPPES</b>					
Number of provider IDs linked to NPPES	930	1,006	8.17	30% (+/-)	Yes
% linked via NPI	100.0	100.0	0.00	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	Div by 0	30% (+/-)	N/A
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	0.1	0.0	-100.00	30% (+/-)	Yes
% with first name	0.2	0.2	-7.44	30% (+/-)	Yes
% with middle name	0.0	0.1	Div by 0	30% (+/-)	N/A
% with last name	0.2	0.2	-7.44	30% (+/-)	Yes
% with name suffix	0.0	0.0	Div by 0	30% (+/-)	N/A
% male	0.1	0.0	-100.00	30% (+/-)	Yes
% female	0.1	0.2	84.26	30% (+/-)	Yes
% with credential	0.2	0.2	-7.44	30% (+/-)	Yes
% with business name	99.8	99.7	-0.08	30% (+/-)	Yes
% with address line 1	100.0	99.9	-0.10	30% (+/-)	Yes
% with city	100.0	99.9	-0.10	30% (+/-)	Yes
% with state	100.0	99.9	-0.10	30% (+/-)	Yes
% state = IP state code	38.8	37.2	-4.22	30% (+/-)	Yes
% with zip code	100.0	99.9	-0.10	30% (+/-)	Yes
% with primary taxonomy	99.2	99.5	0.26	30% (+/-)	Yes
% with provider entity type = individual	0.2	0.2	-7.44	30% (+/-)	Yes
% with provider entity type = organization	99.8	99.7	-0.08	30% (+/-)	Yes
<b>Provider IDs with or without NPI but linked to state provider file</b>					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
<b>Provider IDs with NPPES Primary Taxonomy</b>					
Number of provider IDs with NPPES primary taxonomy	923	1,001	8.45	30% (+/-)	Yes
% individual or group of individuals	0.4	0.1	-76.91	30% (+/-)	Yes
% allopathic and osteopathic physicians	0.1	0.0	-100.00	30% (+/-)	Yes
% behavioral health and social service providers	0.0	0.0	Div by 0	30% (+/-)	N/A

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX IP Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
% chiropractic providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dental providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dietary and nutritional service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% emergency medical service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% eye and vision service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% nursing service providers	0.0	0.1	Div by 0	30% (+/-)	N/A
% nursing service-related providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% other service providers	0.1	0.0	-100.00	30% (+/-)	Yes
% pharmacy service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% physician assistants and advanced practice nursing providers	0.1	0.0	-100.00	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% respiratory, developmental, rehabilitative, and restorative service providers	0.1	0.0	-100.00	30% (+/-)	Yes
% speech, language, and hearing service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% student health care	0.0	0.0	Div by 0	30% (+/-)	N/A
% technologists, technicians, and other technical service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% group of individuals with multi- or single specialty	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonindividuals	99.6	99.9	0.33	30% (+/-)	Yes
% agencies	0.0	0.0	Div by 0	30% (+/-)	N/A
% ambulatory health care facilities	1.0	0.6	-38.56	30% (+/-)	Yes
% hospital units	6.5	5.6	-13.95	30% (+/-)	Yes
% hospitals	90.8	92.6	2.00	30% (+/-)	Yes
% laboratories	0.0	0.0	Div by 0	30% (+/-)	N/A
% managed care organizations	0.0	0.0	Div by 0	30% (+/-)	N/A
% nursing and custodial care facilities	1.3	1.1	-15.46	30% (+/-)	Yes
% residential treatment facilities	0.0	0.0	Div by 0	30% (+/-)	N/A
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	0.0	0.0	Div by 0	30% (+/-)	N/A
% transportation services	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Individual</b>					
Number of provider IDs with entity type = individual	2	2	0.00	30% (+/-)	Yes
% a sole proprietorship	0.0	0.0	Div by 0	30% (+/-)	N/A
% not a sole proprietorship	100.0	50.0	-50.00	30% (+/-)	No
% not answered	0.0	50.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	928	1,003	8.08	30% (+/-)	Yes
% organization is a subpart	10.2	10.8	5.19	30% (+/-)	Yes
% organization is not a subpart	77.3	80.7	4.39	30% (+/-)	Yes
% not answered	12.5	8.6	-31.41	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX LT Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
<b>LT Providers</b>					
Number of provider IDs	2,015	1,925	-4.47	30% (+/-)	Yes
% billing provider on LT claim	44.6	47.3	6.19	N/A	N/A
% NPI billing provider on LT claim	55.4	52.7	-4.98	N/A	N/A
% also a provider on IP claim	1.3	0.9	-30.22	N/A	N/A
% also a provider on OT claim	0.8	0.4	-54.16	N/A	N/A
% also a provider on RX claim	0.0	0.1	Div by 0	N/A	N/A
% provider IDs with NPI	93.7	54.2	-42.12	30% (+/-)	No
% provider IDs linked to NPPES	84.0	48.3	-42.50	30% (+/-)	No
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	Div by 0	N/A	N/A
average number of LT claims	395.2	422.1	6.82	30% (+/-)	Yes
average number of beneficiaries with LT claims	54.8	71.3	30.09	30% (+/-)	No
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	1,888	1,044	-44.70	30% (+/-)	No
% NPI source = MSIS	99.9	99.9	-0.04	30% (+/-)	Yes
% NPI source = NPPES	0.1	0.1	81.13	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPPES</b>					
Number of provider IDs linked to NPPES	1,693	930	-45.07	30% (+/-)	No
% linked via NPI	99.9	99.9	-0.05	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	Div by 0	30% (+/-)	N/A
% linked via Medicare UPIN	0.1	0.1	83.05	30% (+/-)	Yes
% with name prefix	0.2	0.2	-8.90	30% (+/-)	Yes
% with first name	0.2	0.2	-8.90	30% (+/-)	Yes
% with middle name	0.2	0.1	-38.98	30% (+/-)	Yes
% with last name	0.2	0.2	-8.90	30% (+/-)	Yes
% with name suffix	0.0	0.0	Div by 0	30% (+/-)	N/A
% male	0.2	0.2	-8.90	30% (+/-)	Yes
% female	0.0	0.0	Div by 0	30% (+/-)	N/A
% with credential	0.2	0.2	21.47	30% (+/-)	Yes
% with business name	99.8	99.7	-0.09	30% (+/-)	Yes
% with address line 1	100.0	99.9	-0.11	30% (+/-)	Yes
% with city	100.0	99.9	-0.11	30% (+/-)	Yes
% with state	100.0	99.9	-0.11	30% (+/-)	Yes
% state = LT state code	99.3	99.6	0.28	30% (+/-)	Yes
% with zip code	100.0	99.9	-0.11	30% (+/-)	Yes
% with primary taxonomy	99.6	99.6	-0.02	30% (+/-)	Yes
% with provider entity type = individual	0.2	0.2	-8.90	30% (+/-)	Yes
% with provider entity type = organization	99.8	99.7	-0.09	30% (+/-)	Yes
<b>Provider IDs with or without NPI but linked to state provider file</b>					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
<b>Provider IDs with NPPES Primary Taxonomy</b>					
Number of provider IDs with NPPES primary taxonomy	1,686	926	-45.08	30% (+/-)	No
% individual or group of individuals	0.4	0.3	-8.99	30% (+/-)	Yes
% allopathic and osteopathic physicians	0.1	0.1	-9.24	30% (+/-)	Yes
% behavioral health and social service providers	0.0	0.1	Div by 0	30% (+/-)	N/A

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX LT Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
% chiropractic providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dental providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dietary and nutritional service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% emergency medical service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% eye and vision service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% nursing service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% nursing service-related providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% other service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% pharmacy service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% physician assistants and advanced practice nursing providers	0.2	0.1	-39.33	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% speech, language, and hearing service providers	0.1	0.0	-100.00	30% (+/-)	Yes
% student health care	0.0	0.0	Div by 0	30% (+/-)	N/A
% technologists, technicians, and other technical service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% group of individuals with multi- or single specialty	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonindividuals	99.6	99.7	0.03	30% (+/-)	Yes
% agencies	4.9	4.8	-2.30	30% (+/-)	Yes
% ambulatory health care facilities	0.1	0.0	-100.00	30% (+/-)	Yes
% hospital units	4.0	4.0	-0.92	30% (+/-)	Yes
% hospitals	6.9	6.0	-12.09	30% (+/-)	Yes
% laboratories	0.0	0.0	Div by 0	30% (+/-)	N/A
% managed care organizations	0.0	0.0	Div by 0	30% (+/-)	N/A
% nursing and custodial care facilities	65.9	64.7	-1.83	30% (+/-)	Yes
% residential treatment facilities	17.7	20.1	13.64	30% (+/-)	Yes
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	0.2	0.1	-39.33	30% (+/-)	Yes
% transportation services	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Individual</b>					
Number of provider IDs with entity type = individual	4	2	-50.00	30% (+/-)	Yes
% a sole proprietorship	100.0	50.0	-50.00	30% (+/-)	No
% not a sole proprietorship	0.0	50.0	Div by 0	30% (+/-)	N/A
% not answered	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	1,689	927	-45.12	30% (+/-)	No
% organization is a subpart	8.0	8.7	9.32	30% (+/-)	Yes
% organization is not a subpart	48.1	49.2	2.32	30% (+/-)	Yes
% not answered	43.9	42.1	-4.23	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX OT Servicing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
<b>OT Providers</b>					
Number of provider IDs	43,247	44,464	2.81	30% (+/-)	Yes
% billing provider on OT claim	25.9	23.8	-8.34	N/A	N/A
% servicing provider on OT claim	48.4	47.4	-2.01	N/A	N/A
% NPI servicing provider on OT claim	51.6	52.6	1.88	N/A	N/A
% also a provider on IP claim	1.9	1.2	-38.76	N/A	N/A
% also a provider on LT claim	0.0	0.0	-56.76	N/A	N/A
% also a provider on RX claim	24.9	24.6	-1.27	N/A	N/A
% provider IDs with NPI	91.7	91.7	-0.02	30% (+/-)	Yes
% provider IDs linked to NPPES	88.6	88.4	-0.17	30% (+/-)	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	Div by 0	N/A	N/A
average number of OT claims	2,144.0	2,163.4	0.91	30% (+/-)	Yes
average number of beneficiaries with OT claims	377.4	380.1	0.72	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	39,653	40,763	2.80	30% (+/-)	Yes
% NPI source = MSIS	100.0	100.0	0.00	30% (+/-)	Yes
% NPI source = NPPES	0.0	0.0	0.00	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPPES</b>					
Number of provider IDs linked to NPPES	38,317	39,327	2.64	30% (+/-)	Yes
% linked via NPI	100.0	100.0	0.00	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	Div by 0	30% (+/-)	N/A
% linked via Medicare UPIN	0.0	0.0	-14.29	30% (+/-)	Yes
% with name prefix	33.5	34.4	2.63	30% (+/-)	Yes
% with first name	68.9	70.7	2.57	30% (+/-)	Yes
% with middle name	55.9	57.5	2.99	30% (+/-)	Yes
% with last name	68.9	70.7	2.57	30% (+/-)	Yes
% with name suffix	5.4	5.3	-1.51	30% (+/-)	Yes
% male	45.3	45.1	-0.41	30% (+/-)	Yes
% female	23.6	25.5	8.30	30% (+/-)	Yes
% with credential	67.0	68.7	2.58	30% (+/-)	Yes
% with business name	31.1	28.9	-7.03	30% (+/-)	Yes
% with address line 1	100.0	99.6	-0.42	30% (+/-)	Yes
% with city	100.0	99.6	-0.42	30% (+/-)	Yes
% with state	100.0	99.6	-0.42	30% (+/-)	Yes
% state = OT state code	83.9	84.3	0.45	30% (+/-)	Yes
% with zip code	100.0	99.6	-0.42	30% (+/-)	Yes
% with primary taxonomy	98.5	98.5	0.08	30% (+/-)	Yes
% with provider entity type = individual	68.9	70.7	2.57	30% (+/-)	Yes
% with provider entity type = organization	31.1	28.9	-7.03	30% (+/-)	Yes
<b>Provider IDs with or without NPI but linked to state provider file</b>					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
<b>Provider IDs with NPPES Primary Taxonomy</b>					
Number of provider IDs with NPPES primary taxonomy	37,729	38,754	2.72	30% (+/-)	Yes
% individual or group of individuals	78.5	80.8	2.96	30% (+/-)	Yes
% allopathic and osteopathic physicians	50.7	51.9	2.50	30% (+/-)	Yes

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX OT Servicing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
% behavioral health and social service providers	1.6	1.6	-2.13	30% (+/-)	Yes
% chiropractic providers	0.3	0.3	-8.10	30% (+/-)	Yes
% dental providers	3.8	4.1	6.45	30% (+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% emergency medical service providers	0.1	0.0	-35.85	30% (+/-)	Yes
% eye and vision service providers	1.4	1.4	1.17	30% (+/-)	Yes
% nursing service providers	0.5	0.5	-3.23	30% (+/-)	Yes
% nursing service-related providers	1.4	1.4	-2.66	30% (+/-)	Yes
% other service providers	4.1	3.7	-9.41	30% (+/-)	Yes
% pharmacy service providers	0.0	0.0	0.00	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	12.0	12.9	7.86	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.6	0.6	-1.80	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	0.7	0.8	6.52	30% (+/-)	Yes
% speech, language, and hearing service providers	0.9	1.2	35.78	30% (+/-)	Yes
% student health care	0.4	0.4	7.92	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.1	0.0	-8.00	30% (+/-)	Yes
% group of individuals with multi- or single specialty	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonindividuals	21.5	19.2	-10.81	30% (+/-)	Yes
% agencies	9.0	8.9	-1.29	30% (+/-)	Yes
% ambulatory health care facilities	3.4	2.9	-14.44	30% (+/-)	Yes
% hospital units	0.0	0.0	-54.55	30% (+/-)	Yes
% hospitals	3.3	2.0	-37.89	30% (+/-)	Yes
% laboratories	0.6	0.7	5.21	30% (+/-)	Yes
% managed care organizations	0.7	0.7	5.15	30% (+/-)	Yes
% nursing and custodial care facilities	0.6	0.5	-8.87	30% (+/-)	Yes
% residential treatment facilities	0.5	0.5	-2.68	30% (+/-)	Yes
% respite care facility	0.3	0.4	2.59	30% (+/-)	Yes
% suppliers	2.9	2.5	-15.20	30% (+/-)	Yes
% transportation services	0.3	0.2	-17.44	30% (+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Individual</b>					
Number of provider IDs with entity type = individual	26,400	27,792	5.27	30% (+/-)	Yes
% a sole proprietorship	22.9	23.5	2.64	30% (+/-)	Yes
% not a sole proprietorship	65.6	68.6	4.49	30% (+/-)	Yes
% not answered	11.5	7.9	-30.99	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	11,917	11,371	-4.58	30% (+/-)	Yes
% organization is a subpart	4.7	4.9	4.80	30% (+/-)	Yes
% organization is not a subpart	63.7	68.1	6.96	30% (+/-)	Yes
% not answered	31.7	27.0	-14.70	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX OT Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
<b>OT Providers</b>					
Number of provider IDs	11,476	11,802	2.84	30% (+/-)	Yes
% billing provider on OT claim	100.0	100.0	0.00	N/A	N/A
% servicing provider on OT claim	97.7	89.6	-8.36	N/A	N/A
% NPI servicing provider on OT claim	0.0	0.0	Div by 0	N/A	N/A
% also a provider on IP claim	3.6	3.6	1.00	N/A	N/A
% also a provider on LT claim	0.0	0.0	Div by 0	N/A	N/A
% also a provider on RX claim	33.7	30.0	-10.89	N/A	N/A
% provider IDs with NPI	72.6	66.5	-8.48	30% (+/-)	Yes
% provider IDs linked to NPPES	72.5	66.4	-8.34	30% (+/-)	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	Div by 0	N/A	N/A
average number of OT claims	4,203.2	4,331.0	3.04	30% (+/-)	Yes
average number of beneficiaries with OT claims	563.9	571.0	1.25	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	8,334	7,844	-5.88	30% (+/-)	Yes
% NPI source = MSIS	99.9	99.9	-0.03	30% (+/-)	Yes
% NPI source = NPPES	0.1	0.1	36.90	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPPES</b>					
Number of provider IDs linked to NPPES	8,316	7,839	-5.74	30% (+/-)	Yes
% linked via NPI	99.9	99.9	-0.03	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	Div by 0	30% (+/-)	N/A
% linked via Medicare UPIN	0.1	0.1	36.90	30% (+/-)	Yes
% with name prefix	21.0	21.8	4.08	30% (+/-)	Yes
% with first name	36.5	37.2	1.82	30% (+/-)	Yes
% with middle name	30.6	31.1	1.54	30% (+/-)	Yes
% with last name	36.5	37.2	1.82	30% (+/-)	Yes
% with name suffix	3.8	3.5	-6.98	30% (+/-)	Yes
% male	26.7	26.2	-1.94	30% (+/-)	Yes
% female	9.8	11.0	12.09	30% (+/-)	Yes
% with credential	35.0	35.5	1.35	30% (+/-)	Yes
% with business name	63.5	62.6	-1.47	30% (+/-)	Yes
% with address line 1	100.0	99.7	-0.27	30% (+/-)	Yes
% with city	100.0	99.7	-0.27	30% (+/-)	Yes
% with state	100.0	99.7	-0.27	30% (+/-)	Yes
% state = OT state code	81.5	83.8	2.86	30% (+/-)	Yes
% with zip code	100.0	99.7	-0.27	30% (+/-)	Yes
% with primary taxonomy	98.3	98.5	0.19	30% (+/-)	Yes
% with provider entity type = individual	36.5	37.2	1.82	30% (+/-)	Yes
% with provider entity type = organization	63.5	62.6	-1.47	30% (+/-)	Yes
<b>Provider IDs with or without NPI but linked to state provider file</b>					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
<b>Provider IDs with NPPES Primary Taxonomy</b>					
Number of provider IDs with NPPES primary taxonomy	8,172	7,718	-5.56	30% (+/-)	Yes
% individual or group of individuals	54.3	57.0	4.98	30% (+/-)	Yes
% allopathic and osteopathic physicians	32.1	33.1	3.26	30% (+/-)	Yes

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX OT Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
% behavioral health and social service providers	1.1	1.3	24.43	30% (+/-)	Yes
% chiropractic providers	0.6	0.6	3.67	30% (+/-)	Yes
% dental providers	5.6	6.1	8.42	30% (+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% emergency medical service providers	0.1	0.1	-39.53	30% (+/-)	Yes
% eye and vision service providers	1.7	1.7	1.15	30% (+/-)	Yes
% nursing service providers	0.2	0.2	22.01	30% (+/-)	Yes
% nursing service-related providers	3.3	3.5	5.11	30% (+/-)	Yes
% other service providers	4.7	4.4	-5.91	30% (+/-)	Yes
% pharmacy service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% physician assistants and advanced practice nursing providers	1.6	1.9	19.57	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.6	0.6	-0.16	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	1.2	1.2	4.73	30% (+/-)	Yes
% speech, language, and hearing service providers	1.4	2.0	44.26	30% (+/-)	Yes
% student health care	0.1	0.1	-28.77	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.1	0.1	27.87	30% (+/-)	Yes
% group of individuals with multi- or single specialty	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonindividuals	45.7	43.0	-5.91	30% (+/-)	Yes
% agencies	20.4	21.9	7.67	30% (+/-)	Yes
% ambulatory health care facilities	6.3	4.1	-35.12	30% (+/-)	Yes
% hospital units	0.0	0.0	8.33	30% (+/-)	Yes
% hospitals	6.4	4.6	-26.96	30% (+/-)	Yes
% laboratories	1.4	1.5	7.81	30% (+/-)	Yes
% managed care organizations	1.5	1.7	15.35	30% (+/-)	Yes
% nursing and custodial care facilities	1.3	1.3	-3.08	30% (+/-)	Yes
% residential treatment facilities	1.1	1.2	5.86	30% (+/-)	Yes
% respite care facility	0.8	0.9	12.45	30% (+/-)	Yes
% suppliers	6.1	5.4	-11.55	30% (+/-)	Yes
% transportation services	0.5	0.4	-19.26	30% (+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Individual</b>					
Number of provider IDs with entity type = individual	3,035	2,913	-4.02	30% (+/-)	Yes
% a sole proprietorship	39.4	43.4	10.12	30% (+/-)	Yes
% not a sole proprietorship	50.0	49.3	-1.44	30% (+/-)	Yes
% not answered	10.6	7.4	-30.65	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	5,281	4,905	-7.12	30% (+/-)	Yes
% organization is a subpart	4.5	4.4	-2.25	30% (+/-)	Yes
% organization is not a subpart	62.0	66.9	7.83	30% (+/-)	Yes
% not answered	33.4	28.7	-14.22	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX RX Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
<b>RX Providers</b>					
Number of provider IDs	2,545	2,408	-5.38	30% (+/-)	Yes
% billing provider on RX claim	49.1	49.5	0.87	N/A	N/A
% prescribing provider on RX claim	0.0	0.0	Div by 0	N/A	N/A
% NPI billing provider on RX claim	50.9	50.5	-0.83	N/A	N/A
% also a provider on IP claim	0.0	0.0	Div by 0	N/A	N/A
% also a provider on LT claim	0.0	0.0	Div by 0	N/A	N/A
% also a provider on OT claim	1.4	1.7	17.39	N/A	N/A
% provider IDs with NPI	98.7	51.5	-47.77	30% (+/-)	No
% provider IDs linked to NPPES	97.4	50.8	-47.86	30% (+/-)	No
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	Div by 0	N/A	N/A
average number of RX claims	9,809.0	10,914.8	11.27	30% (+/-)	Yes
average number of beneficiaries with RX claims	1,179.4	1,403.0	18.96	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	2,511	1,241	-50.58	30% (+/-)	No
% NPI source = MSIS	100.0	99.8	-0.24	30% (+/-)	Yes
% NPI source = NPPES	0.0	0.2	Div by 0	30% (+/-)	N/A
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPPES</b>					
Number of provider IDs linked to NPPES	2,479	1,223	-50.67	30% (+/-)	No
% linked via NPI	100.0	99.8	-0.25	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	Div by 0	30% (+/-)	N/A
% linked via Medicare UPIN	0.0	0.2	Div by 0	30% (+/-)	N/A
% with name prefix	1.0	1.3	35.12	30% (+/-)	Yes
% with first name	1.6	2.1	31.72	30% (+/-)	Yes
% with middle name	1.4	1.6	15.79	30% (+/-)	Yes
% with last name	1.6	2.1	31.72	30% (+/-)	Yes
% with name suffix	0.1	0.2	102.47	30% (+/-)	Yes
% male	1.3	1.6	24.22	30% (+/-)	Yes
% female	0.4	0.6	57.58	30% (+/-)	Yes
% with credential	1.5	2.0	35.12	30% (+/-)	Yes
% with business name	98.4	97.1	-1.35	30% (+/-)	Yes
% with address line 1	100.0	99.2	-0.82	30% (+/-)	Yes
% with city	100.0	99.2	-0.82	30% (+/-)	Yes
% with state	100.0	99.2	-0.82	30% (+/-)	Yes
% state = RX state code	89.8	94.2	4.95	30% (+/-)	Yes
% with zip code	100.0	99.2	-0.82	30% (+/-)	Yes
% with primary taxonomy	96.6	97.5	0.88	30% (+/-)	Yes
% with provider entity type = individual	1.6	2.1	31.72	30% (+/-)	Yes
% with provider entity type = organization	98.4	97.1	-1.35	30% (+/-)	Yes
<b>Provider IDs with or without NPI but linked to state provider file</b>					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
<b>Provider IDs with NPPES Primary Taxonomy</b>					
Number of provider IDs with NPPES primary taxonomy	2,395	1,192	-50.23	30% (+/-)	No
% individual or group of individuals	6.6	7.0	6.15	30% (+/-)	Yes
% allopathic and osteopathic physicians	0.9	1.5	72.18	30% (+/-)	Yes

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX RX Billing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
% behavioral health and social service providers	0.0	0.0	-100.00	30% (+/-)	Yes
% chiropractic providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dental providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dietary and nutritional service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% emergency medical service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% eye and vision service providers	0.0	0.1	Div by 0	30% (+/-)	N/A
% nursing service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% nursing service-related providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% other service providers	0.0	0.0	-100.00	30% (+/-)	Yes
% pharmacy service providers	5.6	5.4	-3.31	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	0.1	0.1	-32.80	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% speech, language, and hearing service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% student health care	0.0	0.0	Div by 0	30% (+/-)	N/A
% technologists, technicians, and other technical service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% group of individuals with multi- or single specialty	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonindividuals	93.4	93.0	-0.44	30% (+/-)	Yes
% agencies	0.3	0.3	-24.55	30% (+/-)	Yes
% ambulatory health care facilities	0.0	0.0	Div by 0	30% (+/-)	N/A
% hospital units	0.0	0.0	Div by 0	30% (+/-)	N/A
% hospitals	0.1	0.1	0.00	30% (+/-)	Yes
% laboratories	0.0	0.0	Div by 0	30% (+/-)	N/A
% managed care organizations	0.0	0.0	Div by 0	30% (+/-)	N/A
% nursing and custodial care facilities	0.0	0.0	Div by 0	30% (+/-)	N/A
% residential treatment facilities	0.0	0.0	Div by 0	30% (+/-)	N/A
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	92.9	92.6	-0.35	30% (+/-)	Yes
% transportation services	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Individual</b>					
Number of provider IDs with entity type = individual	40	26	-35.00	30% (+/-)	No
% a sole proprietorship	47.5	53.8	13.36	30% (+/-)	Yes
% not a sole proprietorship	37.5	46.2	23.08	30% (+/-)	Yes
% not answered	15.0	0.0	-100.00	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	2,439	1,187	-51.33	30% (+/-)	No
% organization is a subpart	28.0	25.6	-8.54	30% (+/-)	Yes
% organization is not a subpart	60.3	66.4	10.07	30% (+/-)	Yes
% not answered	11.7	8.0	-31.51	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX RX Prescribing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
<b>RX Providers</b>					
Number of provider IDs	18,254	16,082	-11.90	30% (+/-)	Yes
% billing provider on RX claim	0.0	0.0	Div by 0	N/A	N/A
% prescribing provider on RX claim	100.0	100.0	0.00	N/A	N/A
% NPI billing provider on RX claim	0.0	0.0	Div by 0	N/A	N/A
% also a provider on IP claim	0.7	0.5	-23.44	N/A	N/A
% also a provider on LT claim	0.0	0.0	Div by 0	N/A	N/A
% also a provider on OT claim	59.1	68.2	15.40	N/A	N/A
% provider IDs with NPI	48.8	57.5	17.79	30% (+/-)	Yes
% provider IDs linked to NPPES	48.6	57.5	18.26	30% (+/-)	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	Div by 0	N/A	N/A
average number of RX claims	669.8	800.8	19.55	30% (+/-)	Yes
average number of beneficiaries with RX claims	115.9	136.0	17.28	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	8,908	9,244	3.77	30% (+/-)	Yes
% NPI source = MSIS	99.7	99.7	0.07	30% (+/-)	Yes
% NPI source = NPPES	0.3	0.3	-19.88	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPPES</b>					
Number of provider IDs linked to NPPES	8,871	9,243	4.19	30% (+/-)	Yes
% linked via NPI	99.7	99.7	0.07	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	-4.35	30% (+/-)	Yes
% linked via Medicare UPIN	0.3	0.2	-21.20	30% (+/-)	Yes
% with name prefix	50.9	51.2	0.48	30% (+/-)	Yes
% with first name	94.5	95.8	1.34	30% (+/-)	Yes
% with middle name	77.6	79.3	2.28	30% (+/-)	Yes
% with last name	94.5	95.8	1.34	30% (+/-)	Yes
% with name suffix	8.6	8.1	-5.91	30% (+/-)	Yes
% male	67.1	65.5	-2.45	30% (+/-)	Yes
% female	27.4	30.3	10.63	30% (+/-)	Yes
% with credential	92.6	93.9	1.42	30% (+/-)	Yes
% with business name	5.5	3.6	-34.30	30% (+/-)	Yes
% with address line 1	100.0	99.4	-0.61	30% (+/-)	Yes
% with city	100.0	99.4	-0.61	30% (+/-)	Yes
% with state	100.0	99.4	-0.61	30% (+/-)	Yes
% state = RX state code	90.1	89.4	-0.76	30% (+/-)	Yes
% with zip code	100.0	99.4	-0.61	30% (+/-)	Yes
% with primary taxonomy	98.5	98.6	0.06	30% (+/-)	Yes
% with provider entity type = individual	94.5	95.8	1.34	30% (+/-)	Yes
% with provider entity type = organization	5.5	3.6	-34.30	30% (+/-)	Yes
<b>Provider IDs with or without NPI but linked to state provider file</b>					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
<b>Provider IDs with NPPES Primary Taxonomy</b>					
Number of provider IDs with NPPES primary taxonomy	8,737	9,109	4.26	30% (+/-)	Yes
% individual or group of individuals	98.4	98.9	0.56	30% (+/-)	Yes
% allopathic and osteopathic physicians	74.0	73.7	-0.33	30% (+/-)	Yes

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX RX Prescribing Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
% behavioral health and social service providers	0.2	0.2	6.80	30% (+/-)	Yes
% chiropractic providers	0.1	0.0	-45.00	30% (+/-)	Yes
% dental providers	7.1	7.4	3.30	30% (+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% emergency medical service providers	0.1	0.0	-36.23	30% (+/-)	Yes
% eye and vision service providers	1.9	1.7	-9.79	30% (+/-)	Yes
% nursing service providers	0.1	0.1	-11.41	30% (+/-)	Yes
% nursing service-related providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% other service providers	5.7	4.6	-18.84	30% (+/-)	Yes
% pharmacy service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% physician assistants and advanced practice nursing providers	7.6	9.5	24.20	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.9	0.8	-5.40	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.0	-2.94	30% (+/-)	Yes
% speech, language, and hearing service providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% student health care	0.6	0.7	11.97	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	-28.26	30% (+/-)	Yes
% group of individuals with multi- or single specialty	0.0	0.0	Div by 0	30% (+/-)	N/A
% nonindividuals	1.6	1.1	-33.78	30% (+/-)	Yes
% agencies	0.1	0.0	-22.81	30% (+/-)	Yes
% ambulatory health care facilities	0.8	0.5	-33.68	30% (+/-)	Yes
% hospital units	0.0	0.0	Div by 0	30% (+/-)	N/A
% hospitals	0.7	0.5	-34.54	30% (+/-)	Yes
% laboratories	0.0	0.0	Div by 0	30% (+/-)	N/A
% managed care organizations	0.0	0.0	-52.17	30% (+/-)	Yes
% nursing and custodial care facilities	0.0	0.0	Div by 0	30% (+/-)	N/A
% residential treatment facilities	0.0	0.0	-100.00	30% (+/-)	Yes
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	0.0	0.0	Div by 0	30% (+/-)	N/A
% transportation services	0.0	0.0	0.00	30% (+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Individual</b>					
Number of provider IDs with entity type = individual	8,386	8,855	5.59	30% (+/-)	Yes
% a sole proprietorship	23.5	23.5	0.33	30% (+/-)	Yes
% not a sole proprietorship	63.6	67.2	5.72	30% (+/-)	Yes
% not answered	13.0	9.2	-28.66	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	485	332	-31.55	30% (+/-)	No
% organization is a subpart	5.6	4.2	-24.25	30% (+/-)	Yes
% organization is not a subpart	67.8	74.1	9.23	30% (+/-)	Yes
% not answered	26.6	21.7	-18.46	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2010.

<sup>a</sup> "Yes" signifies that either (1) the percent change between 2009 and 2010 is within the cross-year expected range or (2) both the 2009 and the 2010 values are less than 10. "No" signifies that both (1) the percent change between 2009 and 2010 is over or under the cross-year expected range and (2) either the 2009 or the 2010 value is greater than 10.

2009-2010 MAX All Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
<b>All Providers</b>					
Number of provider IDs	55,831	55,484	-0.62	30%(+/-)	Yes
% billing provider on IP claim	0.9	0.9	5.10	N/A	N/A
% NPI billing provider on IP claim	1.3	1.4	9.35	N/A	N/A
% billing provider on LT claim	1.6	1.6	2.11	N/A	N/A
% NPI billing provider on LT claim	2.0	1.8	-8.65	N/A	N/A
% billing provider on OT claim	20.6	21.3	3.48	N/A	N/A
% servicing provider on OT claim	37.5	38.0	1.38	N/A	N/A
% NPI servicing provider on OT claim	40.0	42.1	5.40	N/A	N/A
% billing provider on RX claim	2.2	2.1	-3.98	N/A	N/A
% prescribing provider on RX claim	32.7	29.0	-11.35	N/A	N/A
% NPI billing provider on RX claim	2.3	2.2	-5.56	N/A	N/A
% billing provider	24.5	25.2	2.67	N/A	N/A
% NPI billing provider	5.6	5.4	-3.04	N/A	N/A
% servicing provider	37.5	38.0	1.38	N/A	N/A
% NPI servicing provider	40.0	42.1	5.40	N/A	N/A
% prescribing provider	32.7	29.0	-11.35	N/A	N/A
% provider IDs with NPI	79.5	78.8	-0.82	30%(+/-)	Yes
% provider IDs linked to NPPES	76.4	75.7	-0.95	30%(+/-)	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	Div by 0	N/A	N/A
average number of claims	2,379.2	2,540.0	6.76	30%(+/-)	Yes
average number of beneficiaries with claims	369.3	395.4	7.05	30%(+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	44,366	43,728	-1.44	30%(+/-)	Yes
% NPI source = MSIS	99.9	99.9	0.00	30%(+/-)	Yes
% NPI source = NPPES	0.1	0.1	1.23	30%(+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPPES</b>					
Number of provider IDs linked to NPPES	42,671	42,003	-1.57	30%(+/-)	Yes
% linked via NPI	99.9	99.9	0.00	30%(+/-)	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	0.00	30%(+/-)	Yes
% linked via Medicare UPIN	0.1	0.1	1.25	30%(+/-)	Yes
% with name prefix	30.1	32.2	6.95	30%(+/-)	Yes
% with first name	62.0	66.2	6.89	30%(+/-)	Yes
% with middle name	50.2	53.9	7.32	30%(+/-)	Yes
% with last name	62.0	66.2	6.89	30%(+/-)	Yes
% with name suffix	4.8	4.9	2.64	30%(+/-)	Yes
% male	40.8	42.3	3.77	30%(+/-)	Yes
% female	21.2	23.9	12.88	30%(+/-)	Yes
% with credential	60.2	64.4	6.91	30%(+/-)	Yes
% with business name	38.0	33.3	-12.33	30%(+/-)	Yes
% with address line 1	100.0	99.6	-0.42	30%(+/-)	Yes
% with city	100.0	99.6	-0.42	30%(+/-)	Yes
% with state	100.0	99.6	-0.42	30%(+/-)	Yes
% state = claim file state code	84.7	84.3	-0.57	30%(+/-)	Yes
% with zip code	100.0	99.6	-0.42	30%(+/-)	Yes

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

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2009-2010 MAX All Provider Characteristics Validation Table

State: LA

Produced: 02/28/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range <sup>a</sup>
% with primary taxonomy	98.4	98.5	0.14	30%(+/-)	Yes
% with provider entity type = individual	62.0	66.2	6.89	30%(+/-)	Yes
% with provider entity type = organization	38.0	33.3	-12.33	30%(+/-)	Yes
<b>Provider IDs with or without NPI but linked to state provider file</b>					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
<b>Provider IDs with NPPES Primary Taxonomy</b>					
Number of provider IDs with NPPES primary taxonomy	41,992	41,392	-1.43	30%(+/-)	Yes
% individual or group of individuals	70.9	75.9	7.00	30%(+/-)	Yes
% allopathic and osteopathic physicians	45.5	48.6	6.82	30%(+/-)	Yes
% behavioral health and social service providers	1.5	1.5	1.95	30%(+/-)	Yes
% chiropractic providers	0.3	0.3	-6.69	30%(+/-)	Yes
% dental providers	3.4	3.8	10.93	30%(+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	Div by 0	30%(+/-)	N/A
% emergency medical service providers	0.1	0.0	-32.00	30%(+/-)	Yes
% eye and vision service providers	1.2	1.3	5.63	30%(+/-)	Yes
% nursing service providers	0.4	0.5	1.57	30%(+/-)	Yes
% nursing service-related providers	1.3	1.3	1.48	30%(+/-)	Yes
% other service providers	3.7	3.5	-5.58	30%(+/-)	Yes
% pharmacy service providers	0.3	0.2	-49.53	30%(+/-)	Yes
% physician assistants and advanced practice nursing providers	10.8	12.1	12.21	30%(+/-)	Yes
% podiatric medicine and surgery service providers	0.6	0.6	2.36	30%(+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	0.6	0.7	10.85	30%(+/-)	Yes
% speech, language, and hearing service providers	0.8	1.1	41.09	30%(+/-)	Yes
% student health care	0.3	0.4	12.46	30%(+/-)	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	-4.44	30%(+/-)	Yes
% group of individuals with multi- or single specialty	0.0	0.0	Div by 0	30%(+/-)	N/A
% nonindividuals	29.1	24.1	-17.07	30%(+/-)	Yes
% agencies	8.3	8.4	1.53	30%(+/-)	Yes
% ambulatory health care facilities	3.0	2.7	-10.97	30%(+/-)	Yes
% hospital units	0.3	0.2	-26.64	30%(+/-)	Yes
% hospitals	3.5	3.2	-10.15	30%(+/-)	Yes
% laboratories	0.6	0.6	9.49	30%(+/-)	Yes
% managed care organizations	0.6	0.7	9.61	30%(+/-)	Yes
% nursing and custodial care facilities	3.2	2.0	-38.56	30%(+/-)	Yes
% residential treatment facilities	1.1	0.9	-22.39	30%(+/-)	Yes
% respite care facility	0.3	0.3	6.73	30%(+/-)	Yes
% suppliers	7.9	5.0	-37.25	30%(+/-)	Yes
% transportation services	0.3	0.2	-13.73	30%(+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs with Entity Type = Individual</b>					
Number of provider IDs with entity type = individual	26,442	27,821	5.22	30%(+/-)	Yes
% a sole proprietorship	23.0	23.6	2.49	30%(+/-)	Yes
% not a sole proprietorship	65.6	68.5	4.53	30%(+/-)	Yes
% not answered	11.4	7.9	-30.93	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	16,229	14,006	-13.70	30%(+/-)	Yes
% organization is a subpart	8.7	7.2	-17.01	30%(+/-)	Yes
% organization is not a subpart	61.6	67.1	8.94	30%(+/-)	Yes
% not answered	29.8	25.7	-13.53	N/A	N/A

Source: Medicaid Analytic eExtract (MAX) Provider Characteristics Files, 2009-2010.

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