

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

**State-Specific Validation Tables,  
2010**

**New Mexico**

May 31, 2013

Deo Bencio  
Mei-ling Mason



**MATHEMATICA**  
Policy Research

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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: NM

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	938	1,079	15.03	30% (+/-)	Yes
% billing provider on IP claim	64.1	62.7	-2.07	N/A	N/A
% NPI billing provider on IP claim	35.9	37.3	3.70	N/A	N/A
% also a provider on LT claim	6.8	5.7	-17.15	N/A	N/A
% also a provider on OT claim	78.4	76.3	-2.66	N/A	N/A
% also a provider on RX claim	3.6	2.4	-33.52	N/A	N/A
% provider IDs with NPI	98.9	98.8	-0.14	30% (+/-)	Yes
% provider IDs linked to NPPES	98.3	98.8	0.51	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	176.0	147.5	-16.18	30% (+/-)	Yes
average number of beneficiaries with IP claims	143.4	123.4	-13.96	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	928	1,066	14.87	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	922	1,066	15.62	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	0.4	0.8	72.81	30% (+/-)	Yes
% with first name	0.9	1.2	40.55	30% (+/-)	Yes
% with middle name	0.9	1.0	18.89	30% (+/-)	Yes
% with last name	0.9	1.2	40.55	30% (+/-)	Yes
% with name suffix	0.0	0.0	Div by 0	30% (+/-)	N/A
% male	0.7	0.8	29.65	30% (+/-)	Yes
% female	0.2	0.4	72.81	30% (+/-)	Yes
% with credential	0.9	1.2	40.55	30% (+/-)	Yes
% with business name	99.1	98.4	-0.73	30% (+/-)	Yes
% with address line 1	100.0	99.6	-0.38	30% (+/-)	Yes
% with city	100.0	99.6	-0.38	30% (+/-)	Yes
% with state	100.0	99.6	-0.38	30% (+/-)	Yes
% state = IP state code	32.0	28.0	-12.63	30% (+/-)	Yes
% with zip code	100.0	99.6	-0.38	30% (+/-)	Yes
% with primary taxonomy	99.6	99.2	-0.41	30% (+/-)	Yes
% with provider entity type = individual	0.9	1.2	40.55	30% (+/-)	Yes
% with provider entity type = organization	99.1	98.4	-0.73	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	922	1,057	14.64	30% (+/-)	Yes
% individual or group of individuals	4.0	2.9	-26.91	30% (+/-)	Yes
% allopathic and osteopathic physicians	2.6	2.6	-1.88	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: NM

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	0.2	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	0.2	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	0.1	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	0.0	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	1.3	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	96.0	97.1	1.13	30% (+/-)	Yes
% agencies	0.8	0.0	-100.00	30% (+/-)	Yes
% ambulatory health care facilities	2.3	1.8	-21.07	30% (+/-)	Yes
% hospital units	4.4	5.4	21.27	30% (+/-)	Yes
% hospitals	87.6	88.0	0.40	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	0.1	0.6	425.93	30% (+/-)	Yes
% residential treatment facilities	0.3	0.9	161.85	30% (+/-)	Yes
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	0.3	0.3	-12.62	30% (+/-)	Yes
% transportation services	0.1	0.2	75.00	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	13	62.50	30% (+/-)	No
% a sole proprietorship	25.0	0.0	-100.00	30% (+/-)	No
% not a sole proprietorship	25.0	100.0	300.00	30% (+/-)	No
% not answered	50.0	0.0	-100.00	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	914	1,049	14.77	30% (+/-)	Yes
% organization is a subpart	12.7	13.0	2.16	30% (+/-)	Yes
% organization is not a subpart	73.0	75.9	3.98	30% (+/-)	Yes
% not answered	14.3	11.2	-22.19	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: NM

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	502	478	-4.78	30% (+/-)	Yes
% billing provider on LT claim	62.6	61.1	-2.34	N/A	N/A
% NPI billing provider on LT claim	37.5	38.9	3.90	N/A	N/A
% also a provider on IP claim	12.7	12.8	0.10	N/A	N/A
% also a provider on OT claim	50.8	50.2	-1.16	N/A	N/A
% also a provider on RX claim	0.6	0.6	5.02	N/A	N/A
% provider IDs with NPI	100.0	99.8	-0.21	30% (+/-)	Yes
% provider IDs linked to NPPES	100.0	99.8	-0.21	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 LT claims	490.9	473.6	-3.53	30% (+/-)	Yes
average number of beneficiaries with LT claims	46.0	41.2	-10.29	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	502	477	-4.98	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	502	477	-4.98	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	0.0	0.0	Div by 0	30% (+/-)	N/A
% with first name	0.0	0.0	Div by 0	30% (+/-)	N/A
% with middle name	0.0	0.0	Div by 0	30% (+/-)	N/A
% with last name	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name suffix	0.0	0.0	Div by 0	30% (+/-)	N/A
% male	0.0	0.0	Div by 0	30% (+/-)	N/A
% female	0.0	0.0	Div by 0	30% (+/-)	N/A
% with credential	0.0	0.0	Div by 0	30% (+/-)	N/A
% with business name	100.0	100.0	0.00	30% (+/-)	Yes
% with address line 1	100.0	100.0	0.00	30% (+/-)	Yes
% with city	100.0	100.0	0.00	30% (+/-)	Yes
% with state	100.0	100.0	0.00	30% (+/-)	Yes
% state = LT state code	81.9	81.8	-0.14	30% (+/-)	Yes
% with zip code	100.0	100.0	0.00	30% (+/-)	Yes
% with primary taxonomy	99.2	97.3	-1.94	30% (+/-)	Yes
% with provider entity type = individual	0.0	0.0	Div by 0	30% (+/-)	N/A
% with provider entity type = organization	100.0	100.0	0.00	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	498	464	-6.83	30% (+/-)	Yes
% individual or group of individuals	2.8	1.7	-38.67	30% (+/-)	Yes
% allopathic and osteopathic physicians	1.0	0.4	-57.07	30% (+/-)	Yes
% behavioral health and social service providers	0.0	1.3	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: NM

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	0.2	0.0	-100.00	30% (+/-)	Yes
% other service providers	0.2	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	0.0	0.0	Div by 0	30% (+/-)	N/A
% 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	1.4	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	97.2	98.3	1.12	30% (+/-)	Yes
% agencies	1.6	4.7	195.21	30% (+/-)	Yes
% ambulatory health care facilities	2.0	0.6	-67.78	30% (+/-)	Yes
% hospital units	7.0	5.4	-23.34	30% (+/-)	Yes
% hospitals	7.4	12.3	65.33	30% (+/-)	No
% 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	59.8	62.5	4.45	30% (+/-)	Yes
% residential treatment facilities	19.3	12.7	-34.04	30% (+/-)	No
% 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	0	0	Div by 0	30% (+/-)	N/A
% a sole proprietorship	0.0	0.0	Div by 0	30% (+/-)	N/A
% not a sole proprietorship	0.0	0.0	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	502	477	-4.98	30% (+/-)	Yes
% organization is a subpart	18.1	19.9	9.87	30% (+/-)	Yes
% organization is not a subpart	48.8	51.4	5.24	30% (+/-)	Yes
% not answered	33.1	28.7	-13.15	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: NM

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	56,879	58,663	3.14	30% (+/-)	Yes
% billing provider on OT claim	37.3	34.2	-8.31	N/A	N/A
% servicing provider on OT claim	72.2	70.9	-1.82	N/A	N/A
% NPI servicing provider on OT claim	27.8	29.1	4.73	N/A	N/A
% also a provider on IP claim	1.3	0.8	-38.91	N/A	N/A
% also a provider on LT claim	0.4	0.4	-11.46	N/A	N/A
% also a provider on RX claim	25.6	26.4	3.33	N/A	N/A
% provider IDs with NPI	84.5	83.2	-1.61	30% (+/-)	Yes
% provider IDs linked to NPPES	84.2	83.1	-1.29	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	664.2	680.6	2.47	30% (+/-)	Yes
average number of beneficiaries with OT claims	105.2	104.9	-0.25	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	48,071	48,780	1.47	30% (+/-)	Yes
% NPI source = MSIS	99.4	99.4	0.01	30% (+/-)	Yes
% NPI source = NPPES	0.6	0.6	-1.08	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	47,911	48,777	1.81	30% (+/-)	Yes
% linked via NPI	99.3	99.4	0.01	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.7	0.6	-1.38	30% (+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	14.1	14.3	1.68	30% (+/-)	Yes
% with first name	33.0	32.5	-1.50	30% (+/-)	Yes
% with middle name	24.0	23.9	-0.26	30% (+/-)	Yes
% with last name	33.0	32.5	-1.50	30% (+/-)	Yes
% with name suffix	0.8	0.8	0.39	30% (+/-)	Yes
% male	19.5	19.1	-2.18	30% (+/-)	Yes
% female	13.4	13.4	-0.49	30% (+/-)	Yes
% with credential	32.2	31.7	-1.57	30% (+/-)	Yes
% with business name	67.0	67.0	-0.02	30% (+/-)	Yes
% with address line 1	100.0	99.5	-0.51	30% (+/-)	Yes
% with city	100.0	99.5	-0.51	30% (+/-)	Yes
% with state	100.0	99.5	-0.51	30% (+/-)	Yes
% state = OT state code	60.7	60.2	-0.87	30% (+/-)	Yes
% with zip code	100.0	99.5	-0.51	30% (+/-)	Yes
% with primary taxonomy	99.3	97.3	-1.98	30% (+/-)	Yes
% with provider entity type = individual	33.0	32.5	-1.50	30% (+/-)	Yes
% with provider entity type = organization	67.0	67.0	-0.02	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	47,695	47,480	-0.45	30% (+/-)	Yes
% individual or group of individuals	71.7	68.2	-4.78	30% (+/-)	Yes
% allopathic and osteopathic physicians	36.3	45.4	24.96	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: NM

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	4.8	5.4	13.62	30% (+/-)	Yes
% chiropractic providers	0.5	0.6	10.96	30% (+/-)	Yes
% dental providers	2.7	2.9	10.06	30% (+/-)	Yes
% dietary and nutritional service providers	0.1	0.1	-4.04	30% (+/-)	Yes
% emergency medical service providers	0.1	0.1	38.36	30% (+/-)	Yes
% eye and vision service providers	1.5	1.3	-11.87	30% (+/-)	Yes
% nursing service providers	0.2	0.3	11.91	30% (+/-)	Yes
% nursing service-related providers	0.5	0.1	-85.40	30% (+/-)	Yes
% other service providers	2.6	3.9	52.11	30% (+/-)	Yes
% pharmacy service providers	0.0	0.0	262.50	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	3.7	4.2	11.28	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.6	0.7	5.74	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	1.6	1.9	18.92	30% (+/-)	Yes
% speech, language, and hearing service providers	0.6	0.9	44.57	30% (+/-)	Yes
% student health care	0.2	0.3	35.98	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.4	0.2	-51.53	30% (+/-)	Yes
% group of individuals with multi- or single specialty	15.2	0.0	-100.00	30% (+/-)	No
% nonindividuals	28.3	31.8	12.08	30% (+/-)	Yes
% agencies	5.2	6.6	27.53	30% (+/-)	Yes
% ambulatory health care facilities	7.2	9.1	25.39	30% (+/-)	Yes
% hospital units	0.1	0.1	31.15	30% (+/-)	Yes
% hospitals	8.4	7.0	-16.88	30% (+/-)	Yes
% laboratories	1.0	1.2	24.97	30% (+/-)	Yes
% managed care organizations	0.1	0.2	150.68	30% (+/-)	Yes
% nursing and custodial care facilities	0.5	0.7	56.20	30% (+/-)	Yes
% residential treatment facilities	0.2	0.2	44.10	30% (+/-)	Yes
% respite care facility	0.0	0.0	275.00	30% (+/-)	Yes
% suppliers	4.4	5.1	14.76	30% (+/-)	Yes
% transportation services	1.4	1.6	15.07	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	15,791	15,836	0.28	30% (+/-)	Yes
% a sole proprietorship	26.5	26.5	0.17	30% (+/-)	Yes
% not a sole proprietorship	64.6	67.5	4.48	30% (+/-)	Yes
% not answered	9.0	6.0	-32.72	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	32,120	32,693	1.78	30% (+/-)	Yes
% organization is a subpart	7.5	7.9	4.57	30% (+/-)	Yes
% organization is not a subpart	74.7	79.0	5.76	30% (+/-)	Yes
% not answered	17.8	13.2	-26.08	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: NM

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	25,799	26,953	4.47	30% (+/-)	Yes
% billing provider on OT claim	100.0	100.0	0.00	N/A	N/A
% servicing provider on OT claim	82.2	74.4	-9.48	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	1.8	1.9	6.20	N/A	N/A
% also a provider on LT claim	0.6	0.5	-12.19	N/A	N/A
% also a provider on RX claim	28.7	28.0	-2.21	N/A	N/A
% provider IDs with NPI	56.2	49.2	-12.49	30% (+/-)	Yes
% provider IDs linked to NPPES	56.0	49.1	-12.17	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	1,088.3	1,125.6	3.42	30% (+/-)	Yes
average number of beneficiaries with OT claims	168.2	155.4	-7.62	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	14,491	13,248	-8.58	30% (+/-)	Yes
% NPI source = MSIS	98.4	98.1	-0.34	30% (+/-)	Yes
% NPI source = NPPES	1.6	1.9	20.67	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	14,437	13,247	-8.24	30% (+/-)	Yes
% linked via NPI	98.4	98.1	-0.33	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	1.6	1.9	20.29	30% (+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	20.3	21.1	4.00	30% (+/-)	Yes
% with first name	43.6	44.2	1.29	30% (+/-)	Yes
% with middle name	32.5	33.2	2.38	30% (+/-)	Yes
% with last name	43.6	44.2	1.29	30% (+/-)	Yes
% with name suffix	1.1	1.1	4.72	30% (+/-)	Yes
% male	25.6	26.3	2.48	30% (+/-)	Yes
% female	18.0	17.9	-0.42	30% (+/-)	Yes
% with credential	42.5	43.0	1.24	30% (+/-)	Yes
% with business name	56.4	55.1	-2.32	30% (+/-)	Yes
% with address line 1	100.0	99.3	-0.75	30% (+/-)	Yes
% with city	100.0	99.3	-0.75	30% (+/-)	Yes
% with state	100.0	99.3	-0.75	30% (+/-)	Yes
% state = OT state code	60.1	60.1	0.09	30% (+/-)	Yes
% with zip code	100.0	99.3	-0.75	30% (+/-)	Yes
% with primary taxonomy	99.2	97.1	-2.19	30% (+/-)	Yes
% with provider entity type = individual	43.6	44.2	1.29	30% (+/-)	Yes
% with provider entity type = organization	56.4	55.1	-2.32	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	14,364	12,858	-10.48	30% (+/-)	Yes
% individual or group of individuals	62.5	64.2	2.73	30% (+/-)	Yes
% allopathic and osteopathic physicians	31.4	35.1	11.74	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: NM

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	8.5	7.0	-16.91	30% (+/-)	Yes
% chiropractic providers	0.6	0.7	11.72	30% (+/-)	Yes
% dental providers	4.1	5.7	40.73	30% (+/-)	Yes
% dietary and nutritional service providers	0.1	0.1	-9.01	30% (+/-)	Yes
% emergency medical service providers	0.1	0.1	53.85	30% (+/-)	Yes
% eye and vision service providers	2.1	2.2	5.68	30% (+/-)	Yes
% nursing service providers	0.3	0.4	46.58	30% (+/-)	Yes
% nursing service-related providers	1.2	0.2	-83.79	30% (+/-)	Yes
% other service providers	3.3	3.0	-8.35	30% (+/-)	Yes
% pharmacy service providers	0.0	0.1	342.86	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	3.6	4.3	22.18	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.7	0.8	10.60	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	1.8	2.3	28.95	30% (+/-)	Yes
% speech, language, and hearing service providers	0.9	1.6	69.17	30% (+/-)	Yes
% student health care	0.0	0.1	66.67	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.5	0.4	-6.34	30% (+/-)	Yes
% group of individuals with multi- or single specialty	3.3	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	37.5	35.8	-4.55	30% (+/-)	Yes
% agencies	3.6	5.6	52.85	30% (+/-)	Yes
% ambulatory health care facilities	7.7	4.6	-40.53	30% (+/-)	Yes
% hospital units	0.1	0.1	45.05	30% (+/-)	Yes
% hospitals	10.5	5.6	-47.17	30% (+/-)	No
% laboratories	2.0	2.8	38.76	30% (+/-)	Yes
% managed care organizations	0.0	0.1	159.52	30% (+/-)	Yes
% nursing and custodial care facilities	1.0	1.2	24.20	30% (+/-)	Yes
% residential treatment facilities	0.3	0.3	17.36	30% (+/-)	Yes
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	9.3	11.7	26.38	30% (+/-)	Yes
% transportation services	2.9	3.7	27.97	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	6,300	5,855	-7.06	30% (+/-)	Yes
% a sole proprietorship	34.1	34.2	0.14	30% (+/-)	Yes
% not a sole proprietorship	56.5	58.7	3.82	30% (+/-)	Yes
% not answered	9.4	7.2	-23.59	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	8,137	7,293	-10.37	30% (+/-)	Yes
% organization is a subpart	10.9	11.5	5.17	30% (+/-)	Yes
% organization is not a subpart	68.1	73.8	8.37	30% (+/-)	Yes
% not answered	21.0	14.7	-29.85	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: NM

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	5,239	6,834	30.44	30% (+/-)	No
% billing provider on RX claim	54.6	53.4	-2.14	N/A	N/A
% prescribing provider on RX claim	3.2	0.5	-83.57	N/A	N/A
% NPI billing provider on RX claim	45.4	46.6	2.57	N/A	N/A
% also a provider on IP claim	0.0	0.0	-60.53	N/A	N/A
% also a provider on LT claim	0.0	0.0	52.63	N/A	N/A
% also a provider on OT claim	11.3	9.8	-13.77	N/A	N/A
% provider IDs with NPI	99.9	99.9	0.04	30% (+/-)	Yes
% provider IDs linked to NPES	99.7	99.9	0.27	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	1,752.4	1,455.2	-16.96	30% (+/-)	Yes
average number of beneficiaries with RX claims	212.3	167.8	-20.94	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	5,234	6,830	30.49	30% (+/-)	No
% NPI source = MSIS	100.0	100.0	0.00	30% (+/-)	Yes
% NPI source = NPES	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 NPES</b>					
Number of provider IDs linked to NPES	5,222	6,830	30.79	30% (+/-)	No
% 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	0.1	-52.29	30% (+/-)	Yes
% with middle name	0.2	0.1	-52.29	30% (+/-)	Yes
% with last name	0.2	0.1	-52.29	30% (+/-)	Yes
% with name suffix	0.1	0.0	-22.81	30% (+/-)	Yes
% male	0.2	0.0	-71.24	30% (+/-)	Yes
% female	0.0	0.0	Div by 0	30% (+/-)	N/A
% with credential	0.2	0.1	-52.29	30% (+/-)	Yes
% with business name	99.8	99.7	-0.14	30% (+/-)	Yes
% with address line 1	100.0	99.8	-0.22	30% (+/-)	Yes
% with city	100.0	99.8	-0.22	30% (+/-)	Yes
% with state	100.0	99.8	-0.22	30% (+/-)	Yes
% state = RX state code	20.8	16.1	-22.63	30% (+/-)	Yes
% with zip code	100.0	99.8	-0.22	30% (+/-)	Yes
% with primary taxonomy	99.3	99.3	0.04	30% (+/-)	Yes
% with provider entity type = individual	0.2	0.1	-52.29	30% (+/-)	Yes
% with provider entity type = organization	99.8	99.7	-0.14	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 NPES Primary Taxonomy</b>					
Number of provider IDs with NPES primary taxonomy	5,184	6,783	30.84	30% (+/-)	No
% individual or group of individuals	1.3	0.8	-37.72	30% (+/-)	Yes
% allopathic and osteopathic physicians	0.1	0.1	-38.54	30% (+/-)	Yes

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: NM

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	Div by 0	30% (+/-)	N/A
% chiropractic providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dental providers	0.0	0.0	-100.00	30% (+/-)	Yes
% 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	0.9	0.7	-26.90	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	0.0	0.1	Div by 0	30% (+/-)	N/A
% podiatric medicine and surgery service providers	0.1	0.0	-100.00	30% (+/-)	Yes
% 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	0.2	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	98.7	99.2	0.48	30% (+/-)	Yes
% agencies	0.1	0.0	-100.00	30% (+/-)	Yes
% ambulatory health care facilities	0.6	0.7	26.65	30% (+/-)	Yes
% hospital units	0.0	0.0	Div by 0	30% (+/-)	N/A
% hospitals	0.2	0.0	-100.00	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	0.1	0.0	-24.14	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	97.7	98.5	0.74	30% (+/-)	Yes
% transportation services	0.0	0.0	-100.00	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	5	-37.50	30% (+/-)	Yes
% a sole proprietorship	75.0	100.0	33.33	30% (+/-)	No
% not a sole proprietorship	25.0	0.0	-100.00	30% (+/-)	No
% 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	5,214	6,810	30.61	30% (+/-)	No
% organization is a subpart	68.1	68.8	1.06	30% (+/-)	Yes
% organization is not a subpart	29.4	29.4	0.22	30% (+/-)	Yes
% not answered	2.5	1.7	-31.00	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: NM

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	18,796	20,072	6.79	30% (+/-)	Yes
% billing provider on RX claim	0.9	0.2	-79.98	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	0.2	0.1	-26.47	N/A	N/A
% also a provider on LT claim	0.0	0.0	-54.55	N/A	N/A
% also a provider on OT claim	75.3	74.6	-0.96	N/A	N/A
% provider IDs with NPI	44.7	43.8	-2.02	30% (+/-)	Yes
% provider IDs linked to NPES	44.6	43.8	-1.84	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	338.8	272.2	-19.65	30% (+/-)	Yes
average number of beneficiaries with RX claims	59.0	50.4	-14.54	30% (+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	8,393	8,782	4.63	30% (+/-)	Yes
% NPI source = MSIS	95.7	95.5	-0.22	30% (+/-)	Yes
% NPI source = NPES	4.3	4.5	4.75	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
<b>Provider IDs Linked to NPES</b>					
Number of provider IDs linked to NPES	8,378	8,782	4.82	30% (+/-)	Yes
% linked via NPI	95.7	95.5	-0.21	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	4.3	4.5	4.56	30% (+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	12.4	12.8	2.74	30% (+/-)	Yes
% with first name	29.1	27.8	-4.52	30% (+/-)	Yes
% with middle name	21.7	20.9	-3.66	30% (+/-)	Yes
% with last name	29.1	27.8	-4.52	30% (+/-)	Yes
% with name suffix	0.7	0.6	-6.25	30% (+/-)	Yes
% male	18.6	17.9	-3.86	30% (+/-)	Yes
% female	10.5	9.9	-5.69	30% (+/-)	Yes
% with credential	28.6	27.3	-4.52	30% (+/-)	Yes
% with business name	70.9	71.9	1.34	30% (+/-)	Yes
% with address line 1	100.0	99.6	-0.36	30% (+/-)	Yes
% with city	100.0	99.6	-0.36	30% (+/-)	Yes
% with state	100.0	99.6	-0.36	30% (+/-)	Yes
% state = RX state code	83.4	83.8	0.49	30% (+/-)	Yes
% with zip code	100.0	99.6	-0.36	30% (+/-)	Yes
% with primary taxonomy	99.6	98.7	-0.94	30% (+/-)	Yes
% with provider entity type = individual	29.1	27.8	-4.52	30% (+/-)	Yes
% with provider entity type = organization	70.9	71.9	1.34	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 NPES Primary Taxonomy</b>					
Number of provider IDs with NPES primary taxonomy	8,360	8,668	3.68	30% (+/-)	Yes
% individual or group of individuals	84.6	73.4	-13.19	30% (+/-)	Yes
% allopathic and osteopathic physicians	35.8	54.8	53.22	30% (+/-)	No

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: NM

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	0.4	1.0	142.53	30% (+/-)	Yes
% chiropractic providers	0.1	0.0	-45.24	30% (+/-)	Yes
% dental providers	4.6	6.4	38.68	30% (+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	0.00	30% (+/-)	Yes
% emergency medical service providers	0.0	0.0	-2.78	30% (+/-)	Yes
% eye and vision service providers	1.8	1.6	-8.08	30% (+/-)	Yes
% nursing service providers	0.1	0.1	-47.73	30% (+/-)	Yes
% nursing service-related providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% other service providers	1.6	3.7	130.71	30% (+/-)	Yes
% pharmacy service providers	0.1	0.0	-61.67	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	4.9	4.6	-5.89	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.8	0.9	14.49	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	0.1	0.1	-17.86	30% (+/-)	Yes
% speech, language, and hearing service providers	0.0	0.0	-100.00	30% (+/-)	Yes
% student health care	0.0	0.1	187.50	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	27.78	30% (+/-)	Yes
% group of individuals with multi- or single specialty	34.2	0.0	-100.00	30% (+/-)	No
% nonindividuals	15.4	26.6	72.19	30% (+/-)	No
% agencies	0.2	0.5	88.28	30% (+/-)	Yes
% ambulatory health care facilities	4.1	13.9	239.95	30% (+/-)	No
% hospital units	0.0	0.0	-100.00	30% (+/-)	Yes
% hospitals	8.8	11.1	25.28	30% (+/-)	Yes
% laboratories	0.0	0.0	-4.17	30% (+/-)	Yes
% managed care organizations	0.1	0.3	100.00	30% (+/-)	Yes
% nursing and custodial care facilities	0.0	0.1	Div by 0	30% (+/-)	N/A
% residential treatment facilities	0.0	0.1	187.50	30% (+/-)	Yes
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	2.0	0.6	-69.19	30% (+/-)	Yes
% transportation services	0.0	0.0	-100.00	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	2,436	2,438	0.08	30% (+/-)	Yes
% a sole proprietorship	26.1	26.7	2.11	30% (+/-)	Yes
% not a sole proprietorship	63.5	65.9	3.73	30% (+/-)	Yes
% not answered	10.3	7.4	-28.35	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	5,942	6,312	6.23	30% (+/-)	Yes
% organization is a subpart	4.4	4.0	-10.14	30% (+/-)	Yes
% organization is not a subpart	86.1	90.1	4.59	30% (+/-)	Yes
% not answered	9.5	6.0	-36.96	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: NM

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	71,062	77,268	8.73	30%(+/-)	Yes
% billing provider on IP claim	0.8	0.9	3.55	N/A	N/A
% NPI billing provider on IP claim	0.5	0.5	9.70	N/A	N/A
% billing provider on LT claim	0.4	0.4	-14.48	N/A	N/A
% NPI billing provider on LT claim	0.3	0.2	-9.06	N/A	N/A
% billing provider on OT claim	36.3	34.9	-3.92	N/A	N/A
% servicing provider on OT claim	57.8	53.8	-6.88	N/A	N/A
% NPI servicing provider on OT claim	22.3	22.1	-0.66	N/A	N/A
% billing provider on RX claim	4.0	4.7	17.39	N/A	N/A
% prescribing provider on RX claim	26.5	26.0	-1.79	N/A	N/A
% NPI billing provider on RX claim	3.3	4.1	23.03	N/A	N/A
% billing provider	40.3	39.5	-1.89	N/A	N/A
% NPI billing provider	4.0	4.8	19.54	N/A	N/A
% servicing provider	57.8	53.8	-6.88	N/A	N/A
% NPI servicing provider	22.3	22.1	-0.66	N/A	N/A
% prescribing provider	26.5	26.0	-1.79	N/A	N/A
% provider IDs with NPI	75.3	72.7	-3.41	30%(+/-)	Yes
% provider IDs linked to NPPES	75.0	72.7	-3.10	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	868.5	867.6	-0.11	30%(+/-)	Yes
average number of beneficiaries with claims	129.2	119.1	-7.88	30%(+/-)	Yes
<b>Provider IDs with NPI</b>					
Number of provider IDs with NPI	53,496	56,182	5.02	30%(+/-)	Yes
% NPI source = MSIS	98.8	98.7	-0.03	30%(+/-)	Yes
% NPI source = NPPES	1.2	1.3	2.04	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	53,322	56,179	5.36	30%(+/-)	Yes
% linked via NPI	98.8	98.7	-0.02	30%(+/-)	Yes
% linked via Medicaid legacy provider ID	1.2	1.3	1.71	30%(+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30%(+/-)	N/A
% with name prefix	12.8	12.6	-1.72	30%(+/-)	Yes
% with first name	30.0	28.6	-4.73	30%(+/-)	Yes
% with middle name	21.8	21.0	-3.48	30%(+/-)	Yes
% with last name	30.0	28.6	-4.73	30%(+/-)	Yes
% with name suffix	0.7	0.7	-2.14	30%(+/-)	Yes
% male	17.7	16.8	-5.26	30%(+/-)	Yes
% female	12.3	11.8	-3.95	30%(+/-)	Yes
% with credential	29.3	27.9	-4.82	30%(+/-)	Yes
% with business name	70.0	70.9	1.36	30%(+/-)	Yes
% with address line 1	100.0	99.5	-0.47	30%(+/-)	Yes
% with city	100.0	99.5	-0.47	30%(+/-)	Yes
% with state	100.0	99.5	-0.47	30%(+/-)	Yes
% state = claim file state code	56.6	54.3	-4.03	30%(+/-)	Yes
% with zip code	100.0	99.5	-0.47	30%(+/-)	Yes

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

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**2009-2010 MAX All Provider Characteristics Validation Table**

State: NM

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	99.3	97.6	-1.72	30%(+/-)	Yes
% with provider entity type = individual	30.0	28.6	-4.73	30%(+/-)	Yes
% with provider entity type = organization	70.0	70.9	1.36	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	53,059	54,819	3.32	30%(+/-)	Yes
% individual or group of individuals	65.1	59.8	-8.14	30%(+/-)	Yes
% allopathic and osteopathic physicians	33.0	39.7	20.32	30%(+/-)	Yes
% behavioral health and social service providers	4.3	4.7	9.53	30%(+/-)	Yes
% chiropractic providers	0.5	0.5	6.79	30%(+/-)	Yes
% dental providers	2.5	2.6	6.50	30%(+/-)	Yes
% dietary and nutritional service providers	0.1	0.1	-3.37	30%(+/-)	Yes
% emergency medical service providers	0.1	0.1	33.33	30%(+/-)	Yes
% eye and vision service providers	1.3	1.1	-14.95	30%(+/-)	Yes
% nursing service providers	0.2	0.2	8.06	30%(+/-)	Yes
% nursing service-related providers	0.4	0.1	-86.00	30%(+/-)	Yes
% other service providers	2.3	3.4	46.16	30%(+/-)	Yes
% pharmacy service providers	0.1	0.1	10.00	30%(+/-)	Yes
% physician assistants and advanced practice nursing providers	3.5	3.7	7.13	30%(+/-)	Yes
% podiatric medicine and surgery service providers	0.6	0.6	1.77	30%(+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	1.4	1.7	14.94	30%(+/-)	Yes
% speech, language, and hearing service providers	0.6	0.8	39.66	30%(+/-)	Yes
% student health care	0.2	0.3	29.90	30%(+/-)	Yes
% technologists, technicians, and other technical service providers	0.4	0.2	-52.81	30%(+/-)	Yes
% group of individuals with multi- or single specialty	13.7	0.0	-100.00	30%(+/-)	No
% nonindividuals	34.9	40.2	15.20	30%(+/-)	Yes
% agencies	4.7	5.8	22.98	30%(+/-)	Yes
% ambulatory health care facilities	6.6	8.0	21.62	30%(+/-)	Yes
% hospital units	0.1	0.2	31.71	30%(+/-)	Yes
% hospitals	7.9	7.1	-10.35	30%(+/-)	Yes
% laboratories	0.9	1.1	20.14	30%(+/-)	Yes
% managed care organizations	0.1	0.2	140.91	30%(+/-)	Yes
% nursing and custodial care facilities	0.6	0.9	36.15	30%(+/-)	Yes
% residential treatment facilities	0.3	0.3	-4.67	30%(+/-)	Yes
% respite care facility	0.0	0.0	225.00	30%(+/-)	Yes
% suppliers	12.5	15.5	23.61	30%(+/-)	Yes
% transportation services	1.2	1.4	10.97	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	16,000	16,060	0.38	30%(+/-)	Yes
% a sole proprietorship	26.3	26.4	0.03	30%(+/-)	Yes
% not a sole proprietorship	64.7	67.6	4.56	30%(+/-)	Yes
% not answered	9.0	6.0	-32.89	N/A	N/A
<b>Provider IDs with Entity Type = Organization</b>					
Number of provider IDs with entity type = organization	37,322	39,858	6.79	30%(+/-)	Yes
% organization is a subpart	15.4	17.6	14.55	30%(+/-)	Yes
% organization is not a subpart	68.5	70.8	3.33	30%(+/-)	Yes
% not answered	16.1	11.6	-28.10	N/A	N/A

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

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