Medicaid Analytic Extract Provider Characteristics (MAXPC)

State-Specific Validation Tables, 2010

Georgia

May 31, 2013

Deo Bencio
Mei-ling Mason

**MATHEMATICA
Policy Research**

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(MAXPC)**

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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.[1] 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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[1] 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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
IP Providers					
Number of provider IDs	756	1,184	56.61	30% (+/-)	No
% billing provider on IP claim	100.0	53.4	-46.62	N/A	N/A
% NPI billing provider on IP claim	95.5	46.6	-51.18	N/A	N/A
% also a provider on LT claim	6.2	3.8	-38.86	N/A	N/A
% also a provider on OT claim	93.1	85.6	-8.12	N/A	N/A
% also a provider on RX claim	1.2	7.0	489.08	N/A	N/A
% provider IDs with NPI	95.8	98.5	2.83	30% (+/-)	Yes
% provider IDs linked to NPPES	95.6	98.5	2.97	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	435.8	537.0	23.23	30% (+/-)	Yes
average number of beneficiaries with IP claims	368.4	466.4	26.59	30% (+/-)	Yes
Provider IDs with NPI					
Number of provider IDs with NPI	724	1,166	61.05	30% (+/-)	No
% NPI source = MSIS	99.9	99.7	-0.21	30% (+/-)	Yes
% NPI source = NPPES	0.1	0.3	148.55	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
Provider IDs Linked to NPPES					
Number of provider IDs linked to NPPES	723	1,166	61.27	30% (+/-)	No
% linked via NPI	99.9	99.7	-0.21	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.1	0.3	148.55	30% (+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	10.4	0.3	-97.52	30% (+/-)	No
% with first name	16.6	0.6	-96.39	30% (+/-)	No
% with middle name	13.6	0.6	-95.57	30% (+/-)	No
% with last name	16.6	0.6	-96.39	30% (+/-)	No
% with name suffix	0.7	0.0	-100.00	30% (+/-)	Yes
% male	7.7	0.4	-94.46	30% (+/-)	Yes
% female	8.9	0.2	-98.06	30% (+/-)	Yes
% with credential	16.6	0.6	-96.39	30% (+/-)	No
% with business name	83.4	99.2	18.98	30% (+/-)	Yes
% with address line 1	100.0	99.8	-0.17	30% (+/-)	Yes
% with city	100.0	99.8	-0.17	30% (+/-)	Yes
% with state	100.0	99.8	-0.17	30% (+/-)	Yes
% state = IP state code	45.1	37.6	-16.69	30% (+/-)	Yes
% with zip code	100.0	99.8	-0.17	30% (+/-)	Yes
% with primary taxonomy	100.0	99.7	-0.34	30% (+/-)	Yes
% with provider entity type = individual	16.6	0.6	-96.39	30% (+/-)	No
% with provider entity type = organization	83.4	99.2	18.98	30% (+/-)	Yes
Provider IDs with or without NPI but linked to state provider file					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
Provider IDs with NPPES Primary Taxonomy					
Number of provider IDs with NPPES primary taxonomy	724	1,162	60.50	30% (+/-)	No
% individual or group of individuals	22.2	1.1	-94.97	30% (+/-)	No
% allopathic and osteopathic physicians	6.4	0.8	-87.80	30% (+/-)	Yes
% behavioral health and social service providers	12.8	0.0	-100.00	30% (+/-)	No

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
% chiropractic providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dental providers	0.1	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	0.4	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	0.7	0.3	-50.22	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	1.8	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	77.8	98.9	27.16	30% (+/-)	Yes
% agencies	1.0	0.2	-82.21	30% (+/-)	Yes
% ambulatory health care facilities	1.8	0.2	-90.42	30% (+/-)	Yes
% hospital units	4.3	1.6	-61.82	30% (+/-)	Yes
% hospitals	68.0	94.4	38.92	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	0.6	0.5	-6.52	30% (+/-)	Yes
% residential treatment facilities	1.0	1.3	33.51	30% (+/-)	Yes
% respite care facility	0.0	0.0	Div by 0	30% (+/-)	N/A
% suppliers	0.1	0.5	273.91	30% (+/-)	Yes
% transportation services	1.1	0.2	-84.43	30% (+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
Provider IDs with Entity Type = Individual					
Number of provider IDs with entity type = individual	120	7	-94.17	30% (+/-)	No
% a sole proprietorship	41.7	57.1	37.14	30% (+/-)	No
% not a sole proprietorship	50.8	42.9	-15.69	30% (+/-)	Yes
% not answered	7.5	0.0	-100.00	N/A	N/A
Provider IDs with Entity Type = Organization					
Number of provider IDs with entity type = organization	603	1,157	91.87	30% (+/-)	No
% organization is a subpart	7.0	6.2	-10.65	30% (+/-)	Yes
% organization is not a subpart	79.3	85.6	7.94	30% (+/-)	Yes
% not answered	13.8	8.2	-40.35	N/A	N/A

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
LT Providers					
Number of provider IDs			Div by 0	30% (+/-)	N/A
% billing provider on LT claim			Div by 0	N/A	N/A
% NPI billing provider on LT claim			Div by 0	N/A	N/A
% also a provider on IP claim			Div by 0	N/A	N/A
% also a provider on OT claim			Div by 0	N/A	N/A
% also a provider on RX claim			Div by 0	N/A	N/A
% provider IDs with NPI			Div by 0	30% (+/-)	N/A
% provider IDs linked to NPPES			Div by 0	30% (+/-)	N/A
% provider IDs with or without NPI but linked to state provider file			Div by 0	N/A	N/A
average number of LT claims			Div by 0	30% (+/-)	N/A
average number of beneficiaries with LT claims			Div by 0	30% (+/-)	N/A
Provider IDs with NPI					
Number of provider IDs with NPI			Div by 0	30% (+/-)	N/A
% NPI source = MSIS			Div by 0	30% (+/-)	N/A
% NPI source = NPPES			Div by 0	30% (+/-)	N/A
% NPI source = state cross-reference file			Div by 0	N/A	N/A
Provider IDs Linked to NPPES					
Number of provider IDs linked to NPPES			Div by 0	30% (+/-)	N/A
% linked via NPI			Div by 0	30% (+/-)	N/A
% linked via Medicaid legacy provider ID			Div by 0	30% (+/-)	N/A
% linked via Medicare UPIN			Div by 0	30% (+/-)	N/A
% with name prefix			Div by 0	30% (+/-)	N/A
% with first name			Div by 0	30% (+/-)	N/A
% with middle name			Div by 0	30% (+/-)	N/A
% with last name			Div by 0	30% (+/-)	N/A
% with name suffix			Div by 0	30% (+/-)	N/A
% male			Div by 0	30% (+/-)	N/A
% female			Div by 0	30% (+/-)	N/A
% with credential			Div by 0	30% (+/-)	N/A
% with business name			Div by 0	30% (+/-)	N/A
% with address line 1			Div by 0	30% (+/-)	N/A
% with city			Div by 0	30% (+/-)	N/A
% with state			Div by 0	30% (+/-)	N/A
% state = LT state code			Div by 0	30% (+/-)	N/A
% with zip code			Div by 0	30% (+/-)	N/A
% with primary taxonomy			Div by 0	30% (+/-)	N/A
% with provider entity type = individual			Div by 0	30% (+/-)	N/A
% with provider entity type = organization			Div by 0	30% (+/-)	N/A
Provider IDs with or without NPI but linked to state provider file					
Number of provider IDs with or without NPI linked to state provider file			Div by 0	N/A	N/A
Provider IDs with NPPES Primary Taxonomy					
Number of provider IDs with NPPES primary taxonomy			Div by 0	30% (+/-)	N/A
% individual or group of individuals			Div by 0	30% (+/-)	N/A
% allopathic and osteopathic physicians			Div by 0	30% (+/-)	N/A
% behavioral health and social service providers			Div by 0	30% (+/-)	N/A

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
% chiropractic providers			Div by 0	30% (+/-)	N/A
% dental providers			Div by 0	30% (+/-)	N/A
% dietary and nutritional service providers			Div by 0	30% (+/-)	N/A
% emergency medical service providers			Div by 0	30% (+/-)	N/A
% eye and vision service providers			Div by 0	30% (+/-)	N/A
% nursing service providers			Div by 0	30% (+/-)	N/A
% nursing service-related providers			Div by 0	30% (+/-)	N/A
% other service providers			Div by 0	30% (+/-)	N/A
% pharmacy service providers			Div by 0	30% (+/-)	N/A
% physician assistants and advanced practice nursing providers			Div by 0	30% (+/-)	N/A
% podiatric medicine and surgery service providers			Div by 0	30% (+/-)	N/A
% respiratory, developmental, rehabilitative, and restorative service providers			Div by 0	30% (+/-)	N/A
% speech, language, and hearing service providers			Div by 0	30% (+/-)	N/A
% student health care			Div by 0	30% (+/-)	N/A
% technologists, technicians, and other technical service providers			Div by 0	30% (+/-)	N/A
% group of individuals with multi- or single specialty			Div by 0	30% (+/-)	N/A
% nonindividuals			Div by 0	30% (+/-)	N/A
% agencies			Div by 0	30% (+/-)	N/A
% ambulatory health care facilities			Div by 0	30% (+/-)	N/A
% hospital units			Div by 0	30% (+/-)	N/A
% hospitals			Div by 0	30% (+/-)	N/A
% laboratories			Div by 0	30% (+/-)	N/A
% managed care organizations			Div by 0	30% (+/-)	N/A
% nursing and custodial care facilities			Div by 0	30% (+/-)	N/A
% residential treatment facilities			Div by 0	30% (+/-)	N/A
% respite care facility			Div by 0	30% (+/-)	N/A
% suppliers			Div by 0	30% (+/-)	N/A
% transportation services			Div by 0	30% (+/-)	N/A
% nonmedical			Div by 0	N/A	N/A
Provider IDs with Entity Type = Individual					
Number of provider IDs with entity type = individual			Div by 0	30% (+/-)	N/A
% a sole proprietorship			Div by 0	30% (+/-)	N/A
% not a sole proprietorship			Div by 0	30% (+/-)	N/A
% not answered			Div by 0	N/A	N/A
Provider IDs with Entity Type = Organization					
Number of provider IDs with entity type = organization			Div by 0	30% (+/-)	N/A
% organization is a subpart			Div by 0	30% (+/-)	N/A
% organization is not a subpart			Div by 0	30% (+/-)	N/A
% not answered			Div by 0	N/A	N/A

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
OT Providers					
Number of provider IDs	100,250	108,833	8.56	30% (+/-)	Yes
% billing provider on OT claim	37.0	35.7	-3.49	N/A	N/A
% servicing provider on OT claim	65.9	67.8	2.87	N/A	N/A
% NPI servicing provider on OT claim	34.1	32.2	-5.54	N/A	N/A
% also a provider on IP claim	0.7	0.9	32.42	N/A	N/A
% also a provider on LT claim	0.1	0.0	-38.16	N/A	N/A
% also a provider on RX claim	1.5	18.5	1,107.46	N/A	N/A
% provider IDs with NPI	97.1	98.3	1.24	30% (+/-)	Yes
% provider IDs linked to NPPES	96.8	98.3	1.52	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	1,024.1	942.4	-7.98	30% (+/-)	Yes
average number of beneficiaries with OT claims	196.2	207.7	5.89	30% (+/-)	Yes
Provider IDs with NPI					
Number of provider IDs with NPI	97,364	107,013	9.91	30% (+/-)	Yes
% NPI source = MSIS	99.8	99.7	-0.14	30% (+/-)	Yes
% NPI source = NPPES	0.2	0.3	88.31	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
Provider IDs Linked to NPPES					
Number of provider IDs linked to NPPES	97,086	107,002	10.21	30% (+/-)	Yes
% linked via NPI	99.8	99.7	-0.14	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.2	0.3	87.10	30% (+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	37.8	38.3	1.40	30% (+/-)	Yes
% with first name	83.4	84.5	1.27	30% (+/-)	Yes
% with middle name	65.8	66.9	1.69	30% (+/-)	Yes
% with last name	83.4	84.5	1.27	30% (+/-)	Yes
% with name suffix	4.9	4.9	-0.55	30% (+/-)	Yes
% male	53.6	53.7	0.18	30% (+/-)	Yes
% female	29.8	30.7	3.25	30% (+/-)	Yes
% with credential	80.9	82.1	1.45	30% (+/-)	Yes
% with business name	16.6	15.2	-8.49	30% (+/-)	Yes
% with address line 1	100.0	99.7	-0.35	30% (+/-)	Yes
% with city	100.0	99.7	-0.35	30% (+/-)	Yes
% with state	100.0	99.7	-0.35	30% (+/-)	Yes
% state = OT state code	84.3	83.9	-0.49	30% (+/-)	Yes
% with zip code	100.0	99.7	-0.35	30% (+/-)	Yes
% with primary taxonomy	100.0	98.2	-1.77	30% (+/-)	Yes
% with provider entity type = individual	83.4	84.5	1.27	30% (+/-)	Yes
% with provider entity type = organization	16.6	15.2	-8.49	30% (+/-)	Yes
Provider IDs with or without NPI but linked to state provider file					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
Provider IDs with NPPES Primary Taxonomy					
Number of provider IDs with NPPES primary taxonomy	97,343	105,096	7.96	30% (+/-)	Yes
% individual or group of individuals	85.1	86.4	1.51	30% (+/-)	Yes
% allopathic and osteopathic physicians	54.8	57.2	4.38	30% (+/-)	Yes

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
% behavioral health and social service providers	3.1	2.8	-9.01	30% (+/-)	Yes
% chiropractic providers	0.2	0.2	-16.82	30% (+/-)	Yes
% dental providers	3.5	3.3	-6.39	30% (+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	-17.24	30% (+/-)	Yes
% emergency medical service providers	0.1	0.0	-26.56	30% (+/-)	Yes
% eye and vision service providers	1.5	1.4	-3.21	30% (+/-)	Yes
% nursing service providers	0.4	0.2	-50.98	30% (+/-)	Yes
% nursing service-related providers	0.1	0.0	-40.98	30% (+/-)	Yes
% other service providers	3.9	3.2	-16.08	30% (+/-)	Yes
% pharmacy service providers	0.1	0.1	-24.27	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	11.4	13.0	13.75	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.8	0.8	0.99	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	2.4	2.2	-8.43	30% (+/-)	Yes
% speech, language, and hearing service providers	1.8	1.8	-0.22	30% (+/-)	Yes
% student health care	0.2	0.1	-66.01	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	37.50	30% (+/-)	Yes
% group of individuals with multi- or single specialty	0.9	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	14.9	13.6	-8.62	30% (+/-)	Yes
% agencies	3.9	4.0	3.49	30% (+/-)	Yes
% ambulatory health care facilities	2.1	1.8	-13.24	30% (+/-)	Yes
% hospital units	0.1	0.0	-66.41	30% (+/-)	Yes
% hospitals	2.4	2.0	-16.32	30% (+/-)	Yes
% laboratories	0.3	0.3	13.51	30% (+/-)	Yes
% managed care organizations	0.0	0.0	-48.89	30% (+/-)	Yes
% nursing and custodial care facilities	0.3	0.2	-21.71	30% (+/-)	Yes
% residential treatment facilities	0.4	0.5	38.10	30% (+/-)	Yes
% respite care facility	0.0	0.0	-15.38	30% (+/-)	Yes
% suppliers	4.9	4.2	-15.18	30% (+/-)	Yes
% transportation services	0.5	0.4	-1.77	30% (+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
Provider IDs with Entity Type = Individual					
Number of provider IDs with entity type = individual	80,968	90,372	11.61	30% (+/-)	Yes
% a sole proprietorship	18.7	18.8	0.85	30% (+/-)	Yes
% not a sole proprietorship	71.2	74.5	4.58	30% (+/-)	Yes
% not answered	10.1	6.7	-33.80	N/A	N/A
Provider IDs with Entity Type = Organization					
Number of provider IDs with entity type = organization	16,118	16,256	0.86	30% (+/-)	Yes
% organization is a subpart	11.2	11.5	2.77	30% (+/-)	Yes
% organization is not a subpart	65.1	69.9	7.37	30% (+/-)	Yes
% not answered	23.7	18.5	-21.60	N/A	N/A

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
OT Providers					
Number of provider IDs	38,391	55,437	44.40	30% (+/-)	No
% billing provider on OT claim	100.0	100.0	0.00	N/A	N/A
% servicing provider on OT claim	7.5	11.9	59.66	N/A	N/A
% NPI servicing provider on OT claim	89.1	58.1	-34.74	N/A	N/A
% also a provider on IP claim	1.8	1.1	-40.72	N/A	N/A
% also a provider on LT claim	0.2	0.1	-55.38	N/A	N/A
% also a provider on RX claim	4.1	32.3	681.01	N/A	N/A
% provider IDs with NPI	89.4	67.9	-24.06	30% (+/-)	Yes
% provider IDs linked to NPPES	89.2	67.9	-23.85	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	2,034.4	1,935.6	-4.86	30% (+/-)	Yes
average number of beneficiaries with OT claims	336.0	383.4	14.10	30% (+/-)	Yes
Provider IDs with NPI					
Number of provider IDs with NPI	34,332	37,650	9.66	30% (+/-)	Yes
% NPI source = MSIS	99.6	98.5	-1.17	30% (+/-)	Yes
% NPI source = NPPES	0.4	1.5	332.39	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
Provider IDs Linked to NPPES					
Number of provider IDs linked to NPPES	34,236	37,644	9.95	30% (+/-)	Yes
% linked via NPI	99.6	98.5	-1.17	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.4	1.5	331.16	30% (+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	37.0	38.0	2.52	30% (+/-)	Yes
% with first name	80.0	78.5	-1.99	30% (+/-)	Yes
% with middle name	63.4	62.8	-0.95	30% (+/-)	Yes
% with last name	80.0	78.5	-1.99	30% (+/-)	Yes
% with name suffix	4.6	4.6	0.13	30% (+/-)	Yes
% male	49.2	48.3	-1.80	30% (+/-)	Yes
% female	30.9	30.2	-2.28	30% (+/-)	Yes
% with credential	77.6	76.1	-1.89	30% (+/-)	Yes
% with business name	20.0	21.1	5.85	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	81.6	82.5	1.13	30% (+/-)	Yes
% with zip code	100.0	99.6	-0.42	30% (+/-)	Yes
% with primary taxonomy	100.0	98.0	-1.95	30% (+/-)	Yes
% with provider entity type = individual	80.0	78.5	-1.99	30% (+/-)	Yes
% with provider entity type = organization	20.0	21.1	5.85	30% (+/-)	Yes
Provider IDs with or without NPI but linked to state provider file					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
Provider IDs with NPPES Primary Taxonomy					
Number of provider IDs with NPPES primary taxonomy	34,313	36,894	7.52	30% (+/-)	Yes
% individual or group of individuals	82.2	81.6	-0.70	30% (+/-)	Yes
% allopathic and osteopathic physicians	49.3	48.9	-0.83	30% (+/-)	Yes

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
% behavioral health and social service providers	3.8	4.9	28.86	30% (+/-)	Yes
% chiropractic providers	0.3	0.4	15.51	30% (+/-)	Yes
% dental providers	3.8	4.2	9.71	30% (+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	-28.95	30% (+/-)	Yes
% emergency medical service providers	0.1	0.1	-14.93	30% (+/-)	Yes
% eye and vision service providers	1.7	1.9	17.76	30% (+/-)	Yes
% nursing service providers	0.4	0.2	-46.81	30% (+/-)	Yes
% nursing service-related providers	0.1	0.0	-16.36	30% (+/-)	Yes
% other service providers	3.6	3.5	-3.37	30% (+/-)	Yes
% pharmacy service providers	0.1	0.1	4.27	30% (+/-)	Yes
% physician assistants and advanced practice nursing providers	11.8	11.4	-4.11	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.8	0.9	13.38	30% (+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	2.9	2.7	-8.55	30% (+/-)	Yes
% speech, language, and hearing service providers	2.3	2.4	4.36	30% (+/-)	Yes
% student health care	0.2	0.1	-67.91	30% (+/-)	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	55.56	30% (+/-)	Yes
% group of individuals with multi- or single specialty	1.0	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	17.8	18.4	3.24	30% (+/-)	Yes
% agencies	3.6	4.4	22.64	30% (+/-)	Yes
% ambulatory health care facilities	2.4	2.4	-0.62	30% (+/-)	Yes
% hospital units	0.2	0.1	-66.85	30% (+/-)	Yes
% hospitals	3.3	3.2	-1.35	30% (+/-)	Yes
% laboratories	0.4	0.6	39.26	30% (+/-)	Yes
% managed care organizations	0.1	0.0	-36.36	30% (+/-)	Yes
% nursing and custodial care facilities	0.4	0.4	5.36	30% (+/-)	Yes
% residential treatment facilities	0.3	0.4	13.08	30% (+/-)	Yes
% respite care facility	0.0	0.0	-33.33	30% (+/-)	Yes
% suppliers	6.5	6.1	-6.99	30% (+/-)	Yes
% transportation services	0.6	0.8	32.68	30% (+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
Provider IDs with Entity Type = Individual					
Number of provider IDs with entity type = individual	27,404	29,533	7.77	30% (+/-)	Yes
% a sole proprietorship	20.5	24.3	18.78	30% (+/-)	Yes
% not a sole proprietorship	69.4	68.9	-0.73	30% (+/-)	Yes
% not answered	10.1	6.7	-33.13	N/A	N/A
Provider IDs with Entity Type = Organization					
Number of provider IDs with entity type = organization	6,832	7,952	16.39	30% (+/-)	Yes
% organization is a subpart	12.0	10.9	-9.47	30% (+/-)	Yes
% organization is not a subpart	66.1	71.2	7.65	30% (+/-)	Yes
% not answered	21.9	17.9	-17.94	N/A	N/A

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

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2009-2010 MAX RX Billing Provider Characteristics Validation Table
State: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
RX Providers					
Number of provider IDs	2,378	4,828	103.03	30% (+/-)	No
% billing provider on RX claim	99.4	98.0	-1.39	N/A	N/A
% prescribing provider on RX claim	4.1	34.4	735.84	N/A	N/A
% NPI billing provider on RX claim	93.1	47.3	-49.21	N/A	N/A
% also a provider on IP claim	0.4	0.2	-45.24	N/A	N/A
% also a provider on LT claim	0.0	0.0	-2.38	N/A	N/A
% also a provider on OT claim	66.7	61.6	-7.64	N/A	N/A
% provider IDs with NPI	95.3	97.9	2.70	30% (+/-)	Yes
% provider IDs linked to NPPES	92.6	97.5	5.28	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	6,537.2	4,373.0	-33.11	30% (+/-)	No
average number of beneficiaries with RX claims	778.9	678.1	-12.94	30% (+/-)	Yes
Provider IDs with NPI					
Number of provider IDs with NPI	2,266	4,725	108.52	30% (+/-)	No
% NPI source = MSIS	99.5	99.8	0.32	30% (+/-)	Yes
% NPI source = NPPES	0.5	0.2	-65.15	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
Provider IDs Linked to NPPES					
Number of provider IDs linked to NPPES	2,203	4,709	113.75	30% (+/-)	No
% linked via NPI	99.5	99.8	0.33	30% (+/-)	Yes
% linked via Medicaid legacy provider ID	0.5	0.2	-65.93	30% (+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	Div by 0	30% (+/-)	N/A
% with name prefix	0.3	0.3	-6.25	30% (+/-)	Yes
% with first name	0.5	0.4	-15.86	30% (+/-)	Yes
% with middle name	0.4	0.4	-11.74	30% (+/-)	Yes
% with last name	0.5	0.4	-15.86	30% (+/-)	Yes
% with name suffix	0.1	0.1	-22.06	30% (+/-)	Yes
% male	0.3	0.3	-13.21	30% (+/-)	Yes
% female	0.1	0.1	-22.06	30% (+/-)	Yes
% with credential	0.5	0.4	-15.86	30% (+/-)	Yes
% with business name	99.5	99.0	-0.53	30% (+/-)	Yes
% with address line 1	100.0	99.4	-0.59	30% (+/-)	Yes
% with city	100.0	99.4	-0.59	30% (+/-)	Yes
% with state	100.0	99.4	-0.59	30% (+/-)	Yes
% state = RX state code	96.3	94.7	-1.67	30% (+/-)	Yes
% with zip code	100.0	99.4	-0.59	30% (+/-)	Yes
% with primary taxonomy	99.9	98.2	-1.76	30% (+/-)	Yes
% with provider entity type = individual	0.5	0.4	-15.86	30% (+/-)	Yes
% with provider entity type = organization	99.5	99.0	-0.53	30% (+/-)	Yes
Provider IDs with or without NPI but linked to state provider file					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
Provider IDs with NPPES Primary Taxonomy					
Number of provider IDs with NPPES primary taxonomy	2,248	4,622	105.60	30% (+/-)	No
% individual or group of individuals	5.3	4.2	-21.12	30% (+/-)	Yes
% allopathic and osteopathic physicians	0.2	0.1	-51.35	30% (+/-)	Yes

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
% behavioral health and social service providers	1.7	0.0	-97.52	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	0.0	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	3.2	4.0	25.63	30% (+/-)	Yes
% 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	0.1	0.0	-100.00	30% (+/-)	Yes
% nonindividuals	94.7	95.8	1.18	30% (+/-)	Yes
% agencies	0.3	0.2	-30.55	30% (+/-)	Yes
% ambulatory health care facilities	0.2	0.2	-22.07	30% (+/-)	Yes
% hospital units	0.3	0.0	-100.00	30% (+/-)	Yes
% hospitals	0.1	0.4	225.56	30% (+/-)	Yes
% laboratories	0.0	0.0	Div by 0	30% (+/-)	N/A
% managed care organizations	0.1	0.0	-51.69	30% (+/-)	Yes
% nursing and custodial care facilities	0.0	0.0	-100.00	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	93.6	95.0	1.41	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
Provider IDs with Entity Type = Individual					
Number of provider IDs with entity type = individual	10	18	80.00	30% (+/-)	No
% a sole proprietorship	80.0	83.3	4.17	30% (+/-)	Yes
% not a sole proprietorship	20.0	16.7	-16.67	30% (+/-)	Yes
% not answered	0.0	0.0	Div by 0	N/A	N/A
Provider IDs with Entity Type = Organization					
Number of provider IDs with entity type = organization	2,193	4,663	112.63	30% (+/-)	No
% organization is a subpart	18.8	19.9	5.82	30% (+/-)	Yes
% organization is not a subpart	71.1	71.9	1.15	30% (+/-)	Yes
% not answered	10.1	8.2	-18.86	N/A	N/A

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

[a] "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.

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
RX Providers					
Number of provider IDs	2,318	34,172	1,374.20	30% (+/-)	No
% billing provider on RX claim	4.2	4.8	14.21	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	4.8	Div by 0	N/A	N/A
% also a provider on IP claim	0.2	0.2	0.46	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	2.3	53.6	2,202.40	N/A	N/A
% provider IDs with NPI	1.8	55.0	2,937.14	30% (+/-)	No
% provider IDs linked to NPPES	0.1	55.0	63,891.86	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	6,776.6	795.3	-88.26	30% (+/-)	No
average number of beneficiaries with RX claims	800.7	126.9	-84.16	30% (+/-)	No
Provider IDs with NPI					
Number of provider IDs with NPI	42	18,806	44,676.19	30% (+/-)	No
% NPI source = MSIS	95.2	99.9	4.92	30% (+/-)	Yes
% NPI source = NPPES	4.8	0.1	-98.45	30% (+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
Provider IDs Linked to NPPES					
Number of provider IDs linked to NPPES	2	18,806	940,200.00	30% (+/-)	No
% linked via NPI	0.0	99.9	Div by 0	30% (+/-)	N/A
% linked via Medicaid legacy provider ID	0.0	0.0	Div by 0	30% (+/-)	N/A
% linked via Medicare UPIN	100.0	0.1	-99.94	30% (+/-)	No
% with name prefix	0.0	45.4	Div by 0	30% (+/-)	N/A
% with first name	100.0	90.0	-10.03	30% (+/-)	Yes
% with middle name	50.0	72.7	45.43	30% (+/-)	No
% with last name	100.0	90.0	-10.03	30% (+/-)	Yes
% with name suffix	0.0	6.2	Div by 0	30% (+/-)	N/A
% male	0.0	61.4	Div by 0	30% (+/-)	N/A
% female	100.0	28.6	-71.41	30% (+/-)	No
% with credential	100.0	88.2	-11.83	30% (+/-)	Yes
% with business name	0.0	9.6	Div by 0	30% (+/-)	N/A
% with address line 1	100.0	99.6	-0.44	30% (+/-)	Yes
% with city	100.0	99.6	-0.44	30% (+/-)	Yes
% with state	100.0	99.6	-0.44	30% (+/-)	Yes
% state = RX state code	0.0	88.9	Div by 0	30% (+/-)	N/A
% with zip code	100.0	99.6	-0.44	30% (+/-)	Yes
% with primary taxonomy	50.0	98.4	96.88	30% (+/-)	No
% with provider entity type = individual	100.0	90.0	-10.03	30% (+/-)	Yes
% with provider entity type = organization	0.0	9.6	Div by 0	30% (+/-)	N/A
Provider IDs with or without NPI but linked to state provider file					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
Provider IDs with NPPES Primary Taxonomy					
Number of provider IDs with NPPES primary taxonomy	36	18,513	51,325.00	30% (+/-)	No
% individual or group of individuals	100.0	90.8	-9.22	30% (+/-)	Yes
% allopathic and osteopathic physicians	0.0	68.9	Div by 0	30% (+/-)	N/A

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

[a] "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: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
% behavioral health and social service providers	97.2	0.2	-99.81	30% (+/-)	No
% chiropractic providers	0.0	0.0	Div by 0	30% (+/-)	N/A
% dental providers	0.0	5.8	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	2.1	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	0.0	4.2	Div by 0	30% (+/-)	N/A
% pharmacy service providers	0.0	0.3	Div by 0	30% (+/-)	N/A
% physician assistants and advanced practice nursing providers	2.8	7.7	177.07	30% (+/-)	Yes
% podiatric medicine and surgery service providers	0.0	1.3	Div by 0	30% (+/-)	N/A
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.1	Div by 0	30% (+/-)	N/A
% speech, language, and hearing service providers	0.0	0.1	Div by 0	30% (+/-)	N/A
% student health care	0.0	0.1	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	0.0	9.2	Div by 0	30% (+/-)	N/A
% agencies	0.0	0.1	Div by 0	30% (+/-)	N/A
% ambulatory health care facilities	0.0	0.2	Div by 0	30% (+/-)	N/A
% hospital units	0.0	0.0	Div by 0	30% (+/-)	N/A
% hospitals	0.0	0.4	Div by 0	30% (+/-)	N/A
% 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	0.0	8.4	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
Provider IDs with Entity Type = Individual					
Number of provider IDs with entity type = individual	2	16,919	845,850.00	30% (+/-)	No
% a sole proprietorship	0.0	20.9	Div by 0	30% (+/-)	N/A
% not a sole proprietorship	100.0	73.0	-26.98	30% (+/-)	Yes
% not answered	0.0	6.0	Div by 0	N/A	N/A
Provider IDs with Entity Type = Organization					
Number of provider IDs with entity type = organization	0	1,805	Div by 0	30% (+/-)	N/A
% organization is a subpart	0.0	10.9	Div by 0	30% (+/-)	N/A
% organization is not a subpart	0.0	80.7	Div by 0	30% (+/-)	N/A
% not answered	0.0	8.4	Div by 0	N/A	N/A

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

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2009-2010 MAX All Provider Characteristics Validation Table
State: GA
Produced: 02/26/2013

Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
All Providers					
Number of provider IDs	105,009	143,497	36.65	30%(+/-)	No
% billing provider on IP claim	0.7	0.4	-38.89	N/A	N/A
% NPI billing provider on IP claim	0.7	0.4	-44.04	N/A	N/A
% billing provider on LT claim	0.4	0.5	29.74	N/A	N/A
% NPI billing provider on LT claim	0.4	0.3	-27.60	N/A	N/A
% billing provider on OT claim	36.6	38.6	5.67	N/A	N/A
% servicing provider on OT claim	62.9	51.4	-18.28	N/A	N/A
% NPI servicing provider on OT claim	32.6	24.4	-24.96	N/A	N/A
% billing provider on RX claim	2.3	3.3	46.51	N/A	N/A
% prescribing provider on RX claim	2.2	23.8	979.02	N/A	N/A
% NPI billing provider on RX claim	2.1	1.6	-24.53	N/A	N/A
% billing provider	37.7	41.7	10.68	N/A	N/A
% NPI billing provider	3.2	2.2	-29.10	N/A	N/A
% servicing provider	62.9	51.4	-18.28	N/A	N/A
% NPI servicing provider	32.6	24.4	-24.96	N/A	N/A
% prescribing provider	2.2	23.8	979.02	N/A	N/A
% provider IDs with NPI	93.8	76.7	-18.24	30%(+/-)	Yes
% provider IDs linked to NPPES	93.5	76.7	-17.98	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	1,537.3	1,338.8	-12.91	30%(+/-)	Yes
average number of beneficiaries with claims	254.2	260.6	2.53	30%(+/-)	Yes
Provider IDs with NPI					
Number of provider IDs with NPI	98,512	110,064	11.73	30%(+/-)	Yes
% NPI source = MSIS	99.8	99.4	-0.43	30%(+/-)	Yes
% NPI source = NPPES	0.2	0.6	239.66	30%(+/-)	Yes
% NPI source = state cross-reference file	0.0	0.0	Div by 0	N/A	N/A
Provider IDs Linked to NPPES					
Number of provider IDs linked to NPPES	98,175	110,037	12.08	30%(+/-)	Yes
% linked via NPI	99.8	99.4	-0.43	30%(+/-)	Yes
% linked via Medicaid legacy provider ID	0.2	0.6	237.85	30%(+/-)	Yes
% linked via Medicare UPIN	0.0	0.0	400.00	30%(+/-)	Yes
% with name prefix	37.4	37.3	-0.22	30%(+/-)	Yes
% with first name	82.5	82.2	-0.37	30%(+/-)	Yes
% with middle name	65.1	65.1	0.04	30%(+/-)	Yes
% with last name	82.5	82.2	-0.37	30%(+/-)	Yes
% with name suffix	4.9	4.8	-2.10	30%(+/-)	Yes
% male	53.0	52.3	-1.44	30%(+/-)	Yes
% female	29.4	29.9	1.58	30%(+/-)	Yes
% with credential	80.0	79.9	-0.19	30%(+/-)	Yes
% with business name	17.5	17.5	-0.33	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 = claim file state code	84.4	84.0	-0.47	30%(+/-)	Yes
% with zip code	100.0	99.6	-0.36	30%(+/-)	Yes

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

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Measure	2009 Value	2010 Value	% Change 2009-2010	Cross Year Expected Range	Cross Year Within Range[a]
% with primary taxonomy	100.0	98.2	-1.76	30%(+/-)	Yes
% with provider entity type = individual	82.5	82.2	-0.37	30%(+/-)	Yes
% with provider entity type = organization	17.5	17.5	-0.33	30%(+/-)	Yes
Provider IDs with or without NPI but linked to state provider file					
Number of provider IDs with or without NPI linked to state provider file	0	0	Div by 0	N/A	N/A
Provider IDs with NPPES Primary Taxonomy					
Number of provider IDs with NPPES primary taxonomy	98,474	108,079	9.75	30%(+/-)	Yes
% individual or group of individuals	84.2	84.4	0.21	30%(+/-)	Yes
% allopathic and osteopathic physicians	54.2	55.8	3.04	30%(+/-)	Yes
% behavioral health and social service providers	3.1	2.8	-11.56	30%(+/-)	Yes
% chiropractic providers	0.2	0.2	-18.01	30%(+/-)	Yes
% dental providers	3.5	3.2	-7.68	30%(+/-)	Yes
% dietary and nutritional service providers	0.0	0.0	-17.86	30%(+/-)	Yes
% emergency medical service providers	0.1	0.0	-28.57	30%(+/-)	Yes
% eye and vision service providers	1.4	1.4	-4.42	30%(+/-)	Yes
% nursing service providers	0.4	0.2	-51.56	30%(+/-)	Yes
% nursing service-related providers	0.1	0.0	-41.67	30%(+/-)	Yes
% other service providers	3.8	3.2	-17.08	30%(+/-)	Yes
% pharmacy service providers	0.1	0.2	36.76	30%(+/-)	Yes
% physician assistants and advanced practice nursing providers	11.3	12.6	11.97	30%(+/-)	Yes
% podiatric medicine and surgery service providers	0.8	0.8	0.00	30%(+/-)	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	2.3	2.1	-9.43	30%(+/-)	Yes
% speech, language, and hearing service providers	1.8	1.8	-1.37	30%(+/-)	Yes
% student health care	0.2	0.1	-66.17	30%(+/-)	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	37.50	30%(+/-)	Yes
% group of individuals with multi- or single specialty	0.9	0.0	-100.00	30%(+/-)	Yes
% nonindividuals	15.8	15.6	-1.10	30%(+/-)	Yes
% agencies	3.8	3.9	2.22	30%(+/-)	Yes
% ambulatory health care facilities	2.1	1.8	-14.03	30%(+/-)	Yes
% hospital units	0.1	0.1	-59.15	30%(+/-)	Yes
% hospitals	2.4	2.1	-12.39	30%(+/-)	Yes
% laboratories	0.3	0.3	12.33	30%(+/-)	Yes
% managed care organizations	0.0	0.0	-52.17	30%(+/-)	Yes
% nursing and custodial care facilities	0.6	0.9	38.12	30%(+/-)	Yes
% residential treatment facilities	0.4	0.5	39.04	30%(+/-)	Yes
% respite care facility	0.0	0.0	-15.38	30%(+/-)	Yes
% suppliers	5.5	5.6	0.47	30%(+/-)	Yes
% transportation services	0.4	0.4	-3.13	30%(+/-)	Yes
% nonmedical	0.0	0.0	Div by 0	N/A	N/A
Provider IDs with Entity Type = Individual					
Number of provider IDs with entity type = individual	80,979	90,431	11.67	30%(+/-)	Yes
% a sole proprietorship	18.7	18.9	0.90	30%(+/-)	Yes
% not a sole proprietorship	71.2	74.5	4.57	30%(+/-)	Yes
% not answered	10.1	6.7	-33.84	N/A	N/A
Provider IDs with Entity Type = Organization					
Number of provider IDs with entity type = organization	17,196	19,211	11.72	30%(+/-)	Yes
% organization is a subpart	11.3	11.7	3.52	30%(+/-)	Yes
% organization is not a subpart	65.2	70.5	8.03	30%(+/-)	Yes
% not answered	23.4	17.8	-24.03	N/A	N/A

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

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