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

**State-Specific Validation Tables,
2011**

June 28, 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.[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 percentage change between year two and year three, if applicable, followed by the expected

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[1] CMS. "National Provider Identifier (NPI) Overview." Available at http://www.cms.gov/nationalProvIdentstand/.

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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 2011 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.

2009-2011 MAX IP Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
IP Providers								
Number of provider IDs	756	1,184	1,212	56.61	2.36	30% (+/-)	No	Yes
% billing provider on IP claim	100.0	53.4	54.1	-46.62	1.40	N/A	N/A	N/A
% NPI billing provider on IP claim	95.5	46.6	45.9	-51.18	-1.60	N/A	N/A	N/A
% also a provider on LT claim	6.2	3.8	0.1	-38.87	-97.83	N/A	N/A	N/A
% also a provider on OT claim	93.1	85.6	71.6	-8.12	-16.29	N/A	N/A	N/A
% also a provider on RX claim	1.2	7.0	7.9	488.85	12.99	N/A	N/A	N/A
% provider IDs with NPI	95.8	98.5	98.8	2.83	0.29	30% (+/-)	Yes	Yes
% provider IDs linked to NPPES	95.6	98.5	98.8	2.97	0.29	30% (+/-)	Yes	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
average number of IP claims	435.8	537.0	506.4	23.23	-5.69	30% (+/-)	Yes	Yes
average number of beneficiaries with IP claims	368.4	466.4	435.6	26.59	-6.62	30% (+/-)	Yes	Yes
Provider IDs with NPI								
Number of provider IDs with NPI	724	1,166	1,197	61.05	2.66	30% (+/-)	No	Yes
% NPI source = MSIS	99.9	99.7	99.8	-0.21	0.18	30% (+/-)	Yes	Yes
% NPI source = NPPES	0.1	0.3	0.2	148.37	-51.29	30% (+/-)	Yes	Yes
% NPI source = state cross-reference file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs Linked to NPPES								
Number of provider IDs linked to NPPES	723	1,166	1,197	61.27	2.66	30% (+/-)	No	Yes
% linked via NPI	99.9	99.7	99.8	-0.21	0.18	30% (+/-)	Yes	Yes
% linked via Medicaid legacy provider ID	0.1	0.3	0.2	148.03	-51.29	30% (+/-)	Yes	Yes
% linked via Medicare UPIN	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% with name prefix	10.4	0.3	0.0	-97.52	-100.00	30% (+/-)	No	Yes
% with first name	16.6	0.6	0.2	-96.38	-72.17	30% (+/-)	No	Yes
% with middle name	13.6	0.6	0.2	-95.57	-72.17	30% (+/-)	No	Yes
% with last name	16.6	0.6	0.2	-96.38	-72.17	30% (+/-)	No	Yes
% with name suffix	0.7	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% male	7.7	0.4	0.2	-94.46	-61.04	30% (+/-)	Yes	Yes
% female	8.9	0.2	0.0	-98.06	-100.00	30% (+/-)	Yes	Yes
% with credential	16.6	0.6	0.2	-96.38	-72.17	30% (+/-)	No	Yes
% with business name	83.4	99.2	99.5	18.98	0.27	30% (+/-)	Yes	Yes
% with address line 1	100.0	99.8	99.7	-0.17	-0.16	30% (+/-)	Yes	Yes
% with city	100.0	99.8	99.7	-0.17	-0.16	30% (+/-)	Yes	Yes
% with state	100.0	99.8	99.7	-0.17	-0.16	30% (+/-)	Yes	Yes
% state = IP state code	45.1	37.6	33.3	-16.69	-11.26	30% (+/-)	Yes	Yes
% with zip code	100.0	99.8	99.7	-0.17	-0.16	30% (+/-)	Yes	Yes
% with primary taxonomy	100.0	99.7	99.5	-0.34	-0.16	30% (+/-)	Yes	Yes
% with provider entity type = individual	16.6	0.6	0.2	-96.38	-72.17	30% (+/-)	No	Yes
% with provider entity type = organization	83.4	99.2	99.5	18.98	0.27	30% (+/-)	Yes	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	0	Div by 0	Div by 0	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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.

b "Yes" signifies that either (1) the percent change between 2010 and 2011 is within the cross-year expected range or (2) both the 2010 and the 2011 values are less than 10. "No" signifies that both (1) the percent change between 2010 and 2011 is over or under the cross-year expected range and (2) either the 2010 or the 2011 value is greater than 10.

2009-2011 MAX IP Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
Provider IDs with NPPES Primary Taxonomy								
Number of provider IDs with NPPES primary taxonomy	724	1,162	1,191	60.50	2.50	30% (+/-)	No	Yes
% individual or group of individuals	22.2	1.1	0.3	-94.97	-69.98	30% (+/-)	No	Yes
% allopathic and osteopathic physicians	6.4	0.8	0.0	-87.81	-100.00	30% (+/-)	Yes	Yes
% behavioral health and social service providers	12.8	0.0	0.0	-100.00	Div by 0	30% (+/-)	No	N/A
% chiropractic providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% dental providers	0.1	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% dietary and nutritional service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% emergency medical service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% eye and vision service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing service-related providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% other service providers	0.4	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% pharmacy service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% physician assistants and advanced practice nursing providers	0.7	0.3	0.3	-50.15	-2.43	30% (+/-)	Yes	Yes
% podiatric medicine and surgery service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% speech, language, and hearing service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% student health care	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% technologists, technicians, and other technical service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% group of individuals with multi- or single specialty	1.8	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% nonindividuals	77.8	98.9	99.7	27.16	0.79	30% (+/-)	Yes	Yes
% agencies	1.0	0.2	0.0	-82.20	-100.00	30% (+/-)	Yes	Yes
% ambulatory health care facilities	1.8	0.2	0.0	-90.41	-100.00	30% (+/-)	Yes	Yes
% hospital units	4.3	1.6	0.7	-61.81	-58.92	30% (+/-)	Yes	Yes
% hospitals	68.0	94.4	98.5	38.92	4.32	30% (+/-)	No	Yes
% laboratories	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% managed care organizations	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing and custodial care facilities	0.6	0.5	0.0	-6.54	-100.00	30% (+/-)	Yes	Yes
% residential treatment facilities	1.0	1.3	0.3	33.51	-73.98	30% (+/-)	Yes	Yes
% respite care facility	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% suppliers	0.1	0.5	0.0	273.84	-100.00	30% (+/-)	Yes	Yes
% transportation services	1.1	0.2	0.2	-84.42	-2.43	30% (+/-)	Yes	Yes
% nonmedical	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Individual								
Number of provider IDs with entity type = individual	120	7	2	-94.17	-71.43	30% (+/-)	No	Yes
% a sole proprietorship	41.7	57.1	100.0	37.14	75.00	30% (+/-)	No	No
% not a sole proprietorship	50.8	42.9	0.0	-15.69	-100.00	30% (+/-)	Yes	No
% not answered	7.5	0.0	0.0	-100.00	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Organization								
Number of provider IDs with entity type = organization	603	1,157	1,191	91.87	2.94	30% (+/-)	No	Yes
% organization is a subpart	7.0	6.2	6.6	-10.66	6.59	30% (+/-)	Yes	Yes
% organization is not a subpart	79.3	85.6	86.5	7.94	1.07	30% (+/-)	Yes	Yes
% not answered	13.8	8.2	6.9	-40.35	-16.15	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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2009-2011 MAX LT Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
LT Providers								
Number of provider IDs	438	789	719	80.14	-8.87	30% (+/-)	No	Yes
% billing provider on LT claim	100.0	98.4	49.8	-1.65	-49.37	N/A	N/A	N/A
% NPI billing provider on LT claim	99.1	54.4	50.2	-45.13	-7.66	N/A	N/A	N/A
% also a provider on IP claim	10.7	5.7	0.1	-46.85	-97.56	N/A	N/A	N/A
% also a provider on OT claim	17.4	6.7	1.1	-61.29	-83.44	N/A	N/A	N/A
% also a provider on RX claim	0.2	2.2	1.0	843.73	-54.81	N/A	N/A	N/A
% provider IDs with NPI	99.1	99.7	99.7	0.67	-0.02	30% (+/-)	Yes	Yes
% provider IDs linked to NPPES	98.9	99.7	99.7	0.90	-0.02	30% (+/-)	Yes	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
average number of LT claims	2,802.7	1,933.7	3,210.9	-31.00	66.05	30% (+/-)	No	No
average number of beneficiaries with LT claims	97.7	106.4	105.7	8.82	-0.66	30% (+/-)	Yes	Yes
Provider IDs with NPI								
Number of provider IDs with NPI	434	787	717	81.34	-8.89	30% (+/-)	No	Yes
% NPI source = MSIS	100.0	100.0	99.9	0.00	-0.14	30% (+/-)	Yes	Yes
% NPI source = NPPES	0.0	0.0	0.1	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% NPI source = state cross-reference file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs Linked to NPPES								
Number of provider IDs linked to NPPES	433	787	717	81.76	-8.89	30% (+/-)	No	Yes
% linked via NPI	100.0	100.0	99.9	0.00	-0.14	30% (+/-)	Yes	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	0.1	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% linked via Medicare UPIN	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% with name prefix	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% with first name	0.9	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% with middle name	0.7	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% with last name	0.9	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% with name suffix	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% male	0.7	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% female	0.2	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% with credential	0.9	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% with business name	99.1	99.9	100.0	0.80	0.13	30% (+/-)	Yes	Yes
% with address line 1	100.0	99.9	100.0	-0.13	0.13	30% (+/-)	Yes	Yes
% with city	100.0	99.9	100.0	-0.13	0.13	30% (+/-)	Yes	Yes
% with state	100.0	99.9	100.0	-0.13	0.13	30% (+/-)	Yes	Yes
% state = LT state code	96.8	98.5	99.2	1.77	0.70	30% (+/-)	Yes	Yes
% with zip code	100.0	99.9	100.0	-0.13	0.13	30% (+/-)	Yes	Yes
% with primary taxonomy	100.0	99.9	100.0	-0.13	0.13	30% (+/-)	Yes	Yes
% with provider entity type = individual	0.9	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% with provider entity type = organization	99.1	99.9	100.0	0.80	0.13	30% (+/-)	Yes	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	0	Div by 0	Div by 0	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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.

b "Yes" signifies that either (1) the percent change between 2010 and 2011 is within the cross-year expected range or (2) both the 2010 and the 2011 values are less than 10. "No" signifies that both (1) the percent change between 2010 and 2011 is over or under the cross-year expected range and (2) either the 2010 or the 2011 value is greater than 10.

2009-2011 MAX LT Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
Provider IDs with NPPES Primary Taxonomy								
Number of provider IDs with NPPES primary taxonomy	434	786	717	81.11	-8.78	30% (+/-)	No	Yes
% individual or group of individuals	2.3	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% allopathic and osteopathic physicians	1.2	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% behavioral health and social service providers	0.5	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% chiropractic providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% dental providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% dietary and nutritional service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% emergency medical service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% eye and vision service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing service-related providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% other service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% pharmacy service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% physician assistants and advanced practice nursing providers	0.2	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% podiatric medicine and surgery service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% speech, language, and hearing service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% student health care	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% technologists, technicians, and other technical service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% group of individuals with multi- or single specialty	0.5	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% nonindividuals	97.7	100.0	100.0	2.36	0.00	30% (+/-)	Yes	Yes
% agencies	0.7	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% ambulatory health care facilities	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% hospital units	4.8	2.2	0.0	-55.30	-100.00	30% (+/-)	Yes	Yes
% hospitals	7.1	4.2	0.3	-41.22	-93.36	30% (+/-)	Yes	Yes
% laboratories	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% managed care organizations	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing and custodial care facilities	82.5	92.7	99.7	12.44	7.52	30% (+/-)	Yes	Yes
% residential treatment facilities	1.6	0.8	0.0	-52.67	-100.00	30% (+/-)	Yes	Yes
% respite care facility	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% suppliers	0.7	0.1	0.0	-81.59	-100.00	30% (+/-)	Yes	Yes
% transportation services	0.2	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% nonmedical	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Individual								
Number of provider IDs with entity type = individual	4	0	0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% a sole proprietorship	25.0	0.0	0.0	-100.00	Div by 0	30% (+/-)	No	N/A
% not a sole proprietorship	75.0	0.0	0.0	-100.00	Div by 0	30% (+/-)	No	N/A
% not answered	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Organization								
Number of provider IDs with entity type = organization	429	786	717	83.22	-8.78	30% (+/-)	No	Yes
% organization is a subpart	10.3	9.4	9.2	-8.21	-2.23	30% (+/-)	Yes	Yes
% organization is not a subpart	68.5	74.8	74.5	9.16	-0.44	30% (+/-)	Yes	Yes
% not answered	21.2	15.8	16.3	-25.63	3.44	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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b "Yes" signifies that either (1) the percent change between 2010 and 2011 is within the cross-year expected range or (2) both the 2010 and the 2011 values are less than 10. "No" signifies that both (1) the percent change between 2010 and 2011 is over or under the cross-year expected range and (2) either the 2010 or the 2011 value is greater than 10.

2009-2011 MAX OT Servicing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
OT Providers								
Number of provider IDs	100,250	108,833	112,968	8.56	3.80	30% (+/-)	Yes	Yes
% billing provider on OT claim	37.0	35.7	5.4	-3.49	-84.90	N/A	N/A	N/A
% servicing provider on OT claim	65.9	67.8	68.4	2.87	0.96	N/A	N/A	N/A
% NPI servicing provider on OT claim	34.1	32.2	31.6	-5.54	-2.02	N/A	N/A	N/A
% also a provider on IP claim	0.7	0.9	0.8	32.31	-18.05	N/A	N/A	N/A
% also a provider on LT claim	0.1	0.0	0.0	-38.19	-84.89	N/A	N/A	N/A
% also a provider on RX claim	1.5	18.5	20.2	1,107.34	9.73	N/A	N/A	N/A
% provider IDs with NPI	97.1	98.3	98.5	1.24	0.14	30% (+/-)	Yes	Yes
% provider IDs linked to NPPES	96.8	98.3	98.5	1.52	0.14	30% (+/-)	Yes	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
average number of OT claims	1,024.1	942.4	845.5	-7.98	-10.28	30% (+/-)	Yes	Yes
average number of beneficiaries with OT claims	196.2	207.7	179.5	5.89	-13.58	30% (+/-)	Yes	Yes
Provider IDs with NPI								
Number of provider IDs with NPI	97,364	107,013	111,231	9.91	3.94	30% (+/-)	Yes	Yes
% NPI source = MSIS	99.8	99.7	99.7	-0.14	0.02	30% (+/-)	Yes	Yes
% NPI source = NPPES	0.2	0.3	0.3	88.03	-5.34	30% (+/-)	Yes	Yes
% NPI source = state cross-reference file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs Linked to NPPES								
Number of provider IDs linked to NPPES	97,086	107,002	111,223	10.21	3.94	30% (+/-)	Yes	Yes
% linked via NPI	99.8	99.7	99.7	-0.14	0.02	30% (+/-)	Yes	Yes
% linked via Medicaid legacy provider ID	0.2	0.3	0.3	87.51	-5.35	30% (+/-)	Yes	Yes
% linked via Medicare UPIN	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% with name prefix	37.8	38.3	39.3	1.40	2.49	30% (+/-)	Yes	Yes
% with first name	83.4	84.5	85.8	1.27	1.60	30% (+/-)	Yes	Yes
% with middle name	65.8	66.9	67.9	1.69	1.46	30% (+/-)	Yes	Yes
% with last name	83.4	84.5	85.8	1.27	1.60	30% (+/-)	Yes	Yes
% with name suffix	4.9	4.9	4.8	-0.55	-0.93	30% (+/-)	Yes	Yes
% male	53.6	53.7	54.0	0.18	0.47	30% (+/-)	Yes	Yes
% female	29.8	30.7	31.8	3.24	3.58	30% (+/-)	Yes	Yes
% with credential	80.9	82.1	83.3	1.45	1.53	30% (+/-)	Yes	Yes
% with business name	16.6	15.2	14.0	-8.49	-8.04	30% (+/-)	Yes	Yes
% with address line 1	100.0	99.7	99.8	-0.35	0.13	30% (+/-)	Yes	Yes
% with city	100.0	99.7	99.8	-0.35	0.13	30% (+/-)	Yes	Yes
% with state	100.0	99.7	99.8	-0.35	0.13	30% (+/-)	Yes	Yes
% state = OT state code	84.3	83.9	85.1	-0.49	1.41	30% (+/-)	Yes	Yes
% with zip code	100.0	99.7	99.8	-0.35	0.13	30% (+/-)	Yes	Yes
% with primary taxonomy	100.0	98.2	98.3	-1.77	0.13	30% (+/-)	Yes	Yes
% with provider entity type = individual	83.4	84.5	85.8	1.27	1.60	30% (+/-)	Yes	Yes
% with provider entity type = organization	16.6	15.2	14.0	-8.49	-8.04	30% (+/-)	Yes	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	0	Div by 0	Div by 0	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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b "Yes" signifies that either (1) the percent change between 2010 and 2011 is within the cross-year expected range or (2) both the 2010 and the 2011 values are less than 10. "No" signifies that both (1) the percent change between 2010 and 2011 is over or under the cross-year expected range and (2) either the 2010 or the 2011 value is greater than 10.

2009-2011 MAX OT Servicing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
Provider IDs with NPPES Primary Taxonomy								
Number of provider IDs with NPPES primary taxonomy	97,343	105,096	109,383	7.96	4.08	30% (+/-)	Yes	Yes
% individual or group of individuals	85.1	86.4	87.4	1.51	1.24	30% (+/-)	Yes	Yes
% allopathic and osteopathic physicians	54.8	57.2	57.8	4.38	1.06	30% (+/-)	Yes	Yes
% behavioral health and social service providers	3.1	2.8	2.8	-9.00	-2.30	30% (+/-)	Yes	Yes
% chiropractic providers	0.2	0.2	0.2	-16.73	-14.20	30% (+/-)	Yes	Yes
% dental providers	3.5	3.3	3.4	-6.40	2.80	30% (+/-)	Yes	Yes
% dietary and nutritional service providers	0.0	0.0	0.0	-17.30	-26.98	30% (+/-)	Yes	Yes
% emergency medical service providers	0.1	0.0	0.0	-26.80	-5.88	30% (+/-)	Yes	Yes
% eye and vision service providers	1.5	1.4	1.4	-3.22	-3.34	30% (+/-)	Yes	Yes
% nursing service providers	0.4	0.2	0.2	-51.03	6.00	30% (+/-)	Yes	Yes
% nursing service-related providers	0.1	0.0	0.0	-40.34	-8.98	30% (+/-)	Yes	Yes
% other service providers	3.9	3.2	3.2	-16.09	-2.00	30% (+/-)	Yes	Yes
% pharmacy service providers	0.1	0.1	0.1	-24.05	-15.64	30% (+/-)	Yes	Yes
% physician assistants and advanced practice nursing providers	11.4	13.0	13.5	13.75	4.42	30% (+/-)	Yes	Yes
% podiatric medicine and surgery service providers	0.8	0.8	0.8	1.00	2.93	30% (+/-)	Yes	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	2.4	2.2	2.0	-8.43	-6.09	30% (+/-)	Yes	Yes
% speech, language, and hearing service providers	1.8	1.8	1.9	-0.20	4.33	30% (+/-)	Yes	Yes
% student health care	0.2	0.1	0.1	-65.85	72.42	30% (+/-)	Yes	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	0.0	38.93	-19.93	30% (+/-)	Yes	Yes
% group of individuals with multi- or single specialty	0.9	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% nonindividuals	14.9	13.6	12.6	-8.63	-7.87	30% (+/-)	Yes	Yes
% agencies	3.9	4.0	3.9	3.51	-2.85	30% (+/-)	Yes	Yes
% ambulatory health care facilities	2.1	1.8	1.7	-13.26	-3.41	30% (+/-)	Yes	Yes
% hospital units	0.1	0.0	0.0	-66.71	-51.96	30% (+/-)	Yes	Yes
% hospitals	2.4	2.0	1.4	-16.30	-32.38	30% (+/-)	Yes	Yes
% laboratories	0.3	0.3	0.4	13.53	11.87	30% (+/-)	Yes	Yes
% managed care organizations	0.0	0.0	0.0	-49.48	-7.92	30% (+/-)	Yes	Yes
% nursing and custodial care facilities	0.3	0.2	0.2	-21.77	1.46	30% (+/-)	Yes	Yes
% residential treatment facilities	0.4	0.5	0.5	38.18	-7.59	30% (+/-)	Yes	Yes
% respite care facility	0.0	0.0	0.0	-14.50	20.10	30% (+/-)	Yes	Yes
% suppliers	4.9	4.2	4.0	-15.19	-5.31	30% (+/-)	Yes	Yes
% transportation services	0.5	0.4	0.4	-1.69	0.61	30% (+/-)	Yes	Yes
% nonmedical	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Individual								
Number of provider IDs with entity type = individual	80,968	90,372	95,441	11.61	5.61	30% (+/-)	Yes	Yes
% a sole proprietorship	18.7	18.8	18.9	0.85	0.07	30% (+/-)	Yes	Yes
% not a sole proprietorship	71.2	74.5	75.0	4.58	0.67	30% (+/-)	Yes	Yes
% not answered	10.1	6.7	6.2	-33.81	-7.61	N/A	N/A	N/A
Provider IDs with Entity Type = Organization								
Number of provider IDs with entity type = organization	16,118	16,256	15,539	0.86	-4.41	30% (+/-)	Yes	Yes
% organization is a subpart	11.2	11.5	12.0	2.76	4.11	30% (+/-)	Yes	Yes
% organization is not a subpart	65.1	69.9	69.9	7.37	-0.01	30% (+/-)	Yes	Yes
% not answered	23.7	18.5	18.1	-21.60	-2.53	N/A	N/A	N/A

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2009-2011 MAX OT Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
OT Providers								
Number of provider IDs	38,391	55,437	24,340	44.40	-56.09	30% (+/-)	No	No
% billing provider on OT claim	100.0	100.0	100.0	0.00	0.00	N/A	N/A	N/A
% servicing provider on OT claim	7.5	11.9	25.0	59.66	109.89	N/A	N/A	N/A
% NPI servicing provider on OT claim	89.1	58.1	0.0	-34.74	-100.00	N/A	N/A	N/A
% also a provider on IP claim	1.8	1.1	0.6	-40.71	-46.03	N/A	N/A	N/A
% also a provider on LT claim	0.2	0.1	0.0	-55.68	-100.00	N/A	N/A	N/A
% also a provider on RX claim	4.1	32.3	0.5	681.05	-98.59	N/A	N/A	N/A
% provider IDs with NPI	89.4	67.9	26.1	-24.06	-61.59	30% (+/-)	Yes	No
% provider IDs linked to NPPES	89.2	67.9	26.1	-23.85	-61.58	30% (+/-)	Yes	No
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
average number of OT claims	2,034.4	1,935.6	3,408.5	-4.86	76.10	30% (+/-)	Yes	No
average number of beneficiaries with OT claims	336.0	383.4	485.8	14.10	26.72	30% (+/-)	Yes	Yes
Provider IDs with NPI								
Number of provider IDs with NPI	34,332	37,650	6,350	9.66	-83.13	30% (+/-)	Yes	No
% NPI source = MSIS	99.6	98.5	94.4	-1.17	-4.18	30% (+/-)	Yes	Yes
% NPI source = NPPES	0.4	1.5	5.6	331.82	270.44	30% (+/-)	Yes	Yes
% NPI source = state cross-reference file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs Linked to NPPES								
Number of provider IDs linked to NPPES	34,236	37,644	6,350	9.95	-83.13	30% (+/-)	Yes	No
% linked via NPI	99.6	98.5	94.4	-1.17	-4.18	30% (+/-)	Yes	Yes
% linked via Medicaid legacy provider ID	0.4	1.5	5.6	330.68	270.38	30% (+/-)	Yes	Yes
% linked via Medicare UPIN	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% with name prefix	37.0	38.0	42.1	2.52	10.80	30% (+/-)	Yes	Yes
% with first name	80.0	78.5	73.8	-1.99	-5.98	30% (+/-)	Yes	Yes
% with middle name	63.4	62.8	60.0	-0.95	-4.54	30% (+/-)	Yes	Yes
% with last name	80.0	78.5	73.8	-1.99	-5.98	30% (+/-)	Yes	Yes
% with name suffix	4.6	4.6	4.8	0.12	4.49	30% (+/-)	Yes	Yes
% male	49.2	48.3	46.0	-1.80	-4.80	30% (+/-)	Yes	Yes
% female	30.9	30.2	27.8	-2.29	-7.86	30% (+/-)	Yes	Yes
% with credential	77.6	76.1	71.5	-1.89	-6.07	30% (+/-)	Yes	Yes
% with business name	20.0	21.1	25.8	5.86	22.34	30% (+/-)	Yes	Yes
% with address line 1	100.0	99.6	99.6	-0.42	0.03	30% (+/-)	Yes	Yes
% with city	100.0	99.6	99.6	-0.42	0.03	30% (+/-)	Yes	Yes
% with state	100.0	99.6	99.6	-0.42	0.03	30% (+/-)	Yes	Yes
% state = OT state code	81.6	82.5	78.7	1.13	-4.60	30% (+/-)	Yes	Yes
% with zip code	100.0	99.6	99.6	-0.42	0.03	30% (+/-)	Yes	Yes
% with primary taxonomy	100.0	98.0	97.4	-1.95	-0.67	30% (+/-)	Yes	Yes
% with provider entity type = individual	80.0	78.5	73.8	-1.99	-5.98	30% (+/-)	Yes	Yes
% with provider entity type = organization	20.0	21.1	25.8	5.86	22.34	30% (+/-)	Yes	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	0	Div by 0	Div by 0	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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2009-2011 MAX OT Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
Provider IDs with NPPES Primary Taxonomy								
Number of provider IDs with NPPES primary taxonomy	34,313	36,894	6,182	7.52	-83.24	30% (+/-)	Yes	No
% individual or group of individuals	82.2	81.6	81.5	-0.70	-0.21	30% (+/-)	Yes	Yes
% allopathic and osteopathic physicians	49.3	48.9	44.2	-0.83	-9.55	30% (+/-)	Yes	Yes
% behavioral health and social service providers	3.8	4.9	12.8	28.86	159.75	30% (+/-)	Yes	No
% chiropractic providers	0.3	0.3	0.7	15.36	103.56	30% (+/-)	Yes	Yes
% dental providers	3.8	4.2	6.2	9.69	49.78	30% (+/-)	Yes	Yes
% dietary and nutritional service providers	0.0	0.0	0.0	-28.46	19.36	30% (+/-)	Yes	Yes
% emergency medical service providers	0.1	0.1	0.1	-15.08	98.93	30% (+/-)	Yes	Yes
% eye and vision service providers	1.6	1.9	3.0	17.82	55.65	30% (+/-)	Yes	Yes
% nursing service providers	0.4	0.2	0.1	-46.75	-41.16	30% (+/-)	Yes	Yes
% nursing service-related providers	0.1	0.0	0.0	-16.79	-64.89	30% (+/-)	Yes	Yes
% other service providers	3.6	3.5	4.4	-3.37	26.45	30% (+/-)	Yes	Yes
% pharmacy service providers	0.1	0.1	0.1	4.63	19.36	30% (+/-)	Yes	Yes
% physician assistants and advanced practice nursing providers	11.8	11.4	4.5	-4.11	-60.68	30% (+/-)	Yes	No
% podiatric medicine and surgery service providers	0.8	0.9	1.2	13.45	31.85	30% (+/-)	Yes	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	2.9	2.7	1.9	-8.58	-29.50	30% (+/-)	Yes	Yes
% speech, language, and hearing service providers	2.3	2.4	1.9	4.36	-21.51	30% (+/-)	Yes	Yes
% student health care	0.2	0.1	0.1	-68.03	144.14	30% (+/-)	Yes	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	0.0	55.01	19.36	30% (+/-)	Yes	Yes
% group of individuals with multi- or single specialty	1.0	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% nonindividuals	17.8	18.4	18.5	3.24	0.95	30% (+/-)	Yes	Yes
% agencies	3.6	4.4	3.4	22.63	-22.43	30% (+/-)	Yes	Yes
% ambulatory health care facilities	2.4	2.4	2.2	-0.61	-9.17	30% (+/-)	Yes	Yes
% hospital units	0.2	0.1	0.1	-67.00	8.51	30% (+/-)	Yes	Yes
% hospitals	3.3	3.2	4.5	-1.35	38.65	30% (+/-)	Yes	Yes
% laboratories	0.4	0.6	1.5	39.17	166.84	30% (+/-)	Yes	Yes
% managed care organizations	0.1	0.0	0.1	-36.37	83.63	30% (+/-)	Yes	Yes
% nursing and custodial care facilities	0.4	0.4	0.4	5.36	-5.34	30% (+/-)	Yes	Yes
% residential treatment facilities	0.3	0.4	0.1	13.30	-77.73	30% (+/-)	Yes	Yes
% respite care facility	0.0	0.0	0.0	-30.25	-100.00	30% (+/-)	Yes	Yes
% suppliers	6.5	6.1	4.6	-7.00	-24.70	30% (+/-)	Yes	Yes
% transportation services	0.6	0.8	1.8	32.67	120.08	30% (+/-)	Yes	Yes
% nonmedical	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Individual								
Number of provider IDs with entity type = individual	27,404	29,533	4,684	7.77	-84.14	30% (+/-)	Yes	No
% a sole proprietorship	20.5	24.3	40.6	18.78	67.11	30% (+/-)	Yes	No
% not a sole proprietorship	69.4	68.9	53.5	-0.73	-22.36	30% (+/-)	Yes	Yes
% not answered	10.1	6.7	5.8	-33.14	-13.55	N/A	N/A	N/A
Provider IDs with Entity Type = Organization								
Number of provider IDs with entity type = organization	6,832	7,952	1,641	16.39	-79.36	30% (+/-)	Yes	No
% organization is a subpart	12.0	10.9	5.9	-9.47	-46.10	30% (+/-)	Yes	No
% organization is not a subpart	66.1	71.2	73.7	7.65	3.56	30% (+/-)	Yes	Yes
% not answered	21.9	17.9	20.4	-17.94	13.76	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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2009-2011 MAX RX Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
RX Providers								
Number of provider IDs	2,378	4,828	8,360	103.03	73.16	30% (+/-)	No	No
% billing provider on RX claim	99.4	98.0	51.2	-1.39	-47.78	N/A	N/A	N/A
% prescribing provider on RX claim	4.1	34.4	30.2	735.82	-12.21	N/A	N/A	N/A
% NPI billing provider on RX claim	93.1	47.3	48.8	-49.21	3.21	N/A	N/A	N/A
% also a provider on IP claim	0.4	0.2	0.1	-45.27	-53.80	N/A	N/A	N/A
% also a provider on LT claim	0.0	0.0	0.0	-1.49	-71.12	N/A	N/A	N/A
% also a provider on OT claim	66.7	61.6	49.2	-7.64	-20.17	N/A	N/A	N/A
% provider IDs with NPI	95.3	97.9	99.6	2.70	1.79	30% (+/-)	Yes	Yes
% provider IDs linked to NPPES	92.6	97.5	99.6	5.28	2.13	30% (+/-)	Yes	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
average number of RX claims	6,537.2	4,373.0	4,170.2	-33.11	-4.64	30% (+/-)	No	Yes
average number of beneficiaries with RX claims	778.9	678.1	513.9	-12.94	-24.22	30% (+/-)	Yes	Yes
Provider IDs with NPI								
Number of provider IDs with NPI	2,266	4,725	8,328	108.52	76.25	30% (+/-)	No	No
% NPI source = MSIS	99.5	99.8	100.0	0.32	0.13	30% (+/-)	Yes	Yes
% NPI source = NPPES	0.5	0.2	0.0	-65.12	-78.72	30% (+/-)	Yes	Yes
% NPI source = state cross-reference file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs Linked to NPPES								
Number of provider IDs linked to NPPES	2,203	4,709	8,328	113.75	76.85	30% (+/-)	No	No
% linked via NPI	99.5	99.8	100.0	0.33	0.13	30% (+/-)	Yes	Yes
% linked via Medicaid legacy provider ID	0.5	0.2	0.0	-65.98	-78.80	30% (+/-)	Yes	Yes
% linked via Medicare UPIN	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% with name prefix	0.3	0.3	8.3	-6.43	3,170.14	30% (+/-)	Yes	Yes
% with first name	0.5	0.4	16.9	-15.79	4,329.29	30% (+/-)	Yes	No
% with middle name	0.4	0.4	13.9	-11.63	3,761.64	30% (+/-)	Yes	No
% with last name	0.5	0.4	16.9	-15.79	4,329.29	30% (+/-)	Yes	No
% with name suffix	0.1	0.1	1.3	-22.03	1,166.59	30% (+/-)	Yes	Yes
% male	0.3	0.3	11.4	-13.12	4,019.03	30% (+/-)	Yes	No
% female	0.1	0.1	5.6	-22.03	5,135.99	30% (+/-)	Yes	Yes
% with credential	0.5	0.4	16.7	-15.79	4,260.19	30% (+/-)	Yes	No
% with business name	99.5	99.0	82.7	-0.53	-16.52	30% (+/-)	Yes	Yes
% with address line 1	100.0	99.4	99.6	-0.59	0.19	30% (+/-)	Yes	Yes
% with city	100.0	99.4	99.6	-0.59	0.19	30% (+/-)	Yes	Yes
% with state	100.0	99.4	99.6	-0.59	0.19	30% (+/-)	Yes	Yes
% state = RX state code	96.3	94.7	70.6	-1.67	-25.48	30% (+/-)	Yes	Yes
% with zip code	100.0	99.4	99.6	-0.59	0.19	30% (+/-)	Yes	Yes
% with primary taxonomy	99.9	98.2	98.8	-1.76	0.66	30% (+/-)	Yes	Yes
% with provider entity type = individual	0.5	0.4	16.9	-15.79	4,329.29	30% (+/-)	Yes	No
% with provider entity type = organization	99.5	99.0	82.7	-0.53	-16.52	30% (+/-)	Yes	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	0	Div by 0	Div by 0	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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b "Yes" signifies that either (1) the percent change between 2010 and 2011 is within the cross-year expected range or (2) both the 2010 and the 2011 values are less than 10. "No" signifies that both (1) the percent change between 2010 and 2011 is over or under the cross-year expected range and (2) either the 2010 or the 2011 value is greater than 10.

2009-2011 MAX RX Billing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
Provider IDs with NPPES Primary Taxonomy								
Number of provider IDs with NPPES primary taxonomy	2,248	4,622	8,228	105.60	78.02	30% (+/-)	No	No
% individual or group of individuals	5.3	4.2	19.3	-21.12	361.62	30% (+/-)	Yes	No
% allopathic and osteopathic physicians	0.2	0.1	14.0	-51.36	12,864.97	30% (+/-)	Yes	No
% behavioral health and social service providers	1.7	0.0	0.0	-97.51	12.35	30% (+/-)	Yes	Yes
% chiropractic providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% dental providers	0.0	0.0	0.9	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% dietary and nutritional service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% emergency medical service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% eye and vision service providers	0.0	0.0	0.1	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nursing service-related providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% other service providers	0.0	0.0	0.8	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% pharmacy service providers	3.2	4.0	2.3	25.65	-42.01	30% (+/-)	Yes	Yes
% physician assistants and advanced practice nursing providers	0.0	0.0	1.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% podiatric medicine and surgery service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% speech, language, and hearing service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% student health care	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% technologists, technicians, and other technical service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% group of individuals with multi- or single specialty	0.1	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% nonindividuals	94.7	95.8	80.7	1.18	-15.76	30% (+/-)	Yes	Yes
% agencies	0.3	0.2	0.1	-30.52	-32.59	30% (+/-)	Yes	Yes
% ambulatory health care facilities	0.2	0.2	0.1	-22.18	-29.78	30% (+/-)	Yes	Yes
% hospital units	0.3	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% hospitals	0.1	0.4	0.3	224.25	-38.21	30% (+/-)	Yes	Yes
% laboratories	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% managed care organizations	0.1	0.0	0.0	-51.36	-43.83	30% (+/-)	Yes	Yes
% nursing and custodial care facilities	0.0	0.0	0.0	-100.00	Div by 0	30% (+/-)	Yes	N/A
% residential treatment facilities	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% respite care facility	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% suppliers	93.6	95.0	80.2	1.41	-15.58	30% (+/-)	Yes	Yes
% transportation services	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nonmedical	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Individual								
Number of provider IDs with entity type = individual	10	18	1,410	80.00	7,733.33	30% (+/-)	No	No
% a sole proprietorship	80.0	83.3	21.9	4.17	-73.70	30% (+/-)	Yes	No
% not a sole proprietorship	20.0	16.7	71.6	-16.67	329.36	30% (+/-)	Yes	No
% not answered	0.0	0.0	6.5	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Organization								
Number of provider IDs with entity type = organization	2,193	4,663	6,884	112.63	47.63	30% (+/-)	No	No
% organization is a subpart	18.8	19.9	30.2	5.82	52.06	30% (+/-)	Yes	No
% organization is not a subpart	71.1	71.9	64.1	1.15	-10.87	30% (+/-)	Yes	Yes
% not answered	10.1	8.2	5.7	-18.86	-30.85	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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2009-2011 MAX RX Prescribing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
RX Providers								
Number of provider IDs	2,318	34,172	44,719	1,374.20	30.86	30% (+/-)	No	No
% billing provider on RX claim	4.2	4.8	0.0	14.21	-100.00	N/A	N/A	N/A
% prescribing provider on RX claim	100.0	100.0	100.0	0.00	0.00	N/A	N/A	N/A
% NPI billing provider on RX claim	0.0	4.8	5.7	Div by 0	18.08	N/A	N/A	N/A
% also a provider on IP claim	0.2	0.2	0.2	0.39	-8.10	N/A	N/A	N/A
% also a provider on LT claim	0.0	0.0	0.0	Div by 0	-71.34	N/A	N/A	N/A
% also a provider on OT claim	2.3	53.6	46.0	2,202.82	-14.21	N/A	N/A	N/A
% provider IDs with NPI	1.8	55.0	47.6	2,937.32	-13.42	30% (+/-)	No	Yes
% provider IDs linked to NPPES	0.1	55.0	47.6	63,683.66	-13.42	30% (+/-)	No	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
average number of RX claims	6,776.6	795.3	644.4	-88.26	-18.98	30% (+/-)	No	Yes
average number of beneficiaries with RX claims	800.7	126.9	97.7	-84.16	-23.00	30% (+/-)	No	Yes
Provider IDs with NPI								
Number of provider IDs with NPI	42	18,806	21,308	44,676.19	13.30	30% (+/-)	No	Yes
% NPI source = MSIS	95.2	99.9	99.9	4.92	0.01	30% (+/-)	Yes	Yes
% NPI source = NPPES	4.8	0.1	0.1	-98.44	-18.05	30% (+/-)	Yes	Yes
% NPI source = state cross-reference file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs Linked to NPPES								
Number of provider IDs linked to NPPES	2	18,806	21,308	940,200.00	13.30	30% (+/-)	No	Yes
% linked via NPI	0.0	99.9	99.9	Div by 0	0.01	30% (+/-)	N/A	Yes
% linked via Medicaid legacy provider ID	0.0	0.0	0.0	Div by 0	-11.74	30% (+/-)	N/A	Yes
% linked via Medicare UPIN	100.0	0.1	0.0	-99.94	-19.77	30% (+/-)	No	Yes
% with name prefix	0.0	45.4	45.3	Div by 0	-0.06	30% (+/-)	N/A	Yes
% with first name	100.0	90.0	90.1	-10.03	0.15	30% (+/-)	Yes	Yes
% with middle name	50.0	72.7	72.6	45.43	-0.21	30% (+/-)	No	Yes
% with last name	100.0	90.0	90.1	-10.03	0.15	30% (+/-)	Yes	Yes
% with name suffix	0.0	6.2	5.8	Div by 0	-6.72	30% (+/-)	N/A	Yes
% male	0.0	61.4	59.7	Div by 0	-2.70	30% (+/-)	N/A	Yes
% female	100.0	28.6	30.4	-71.41	6.25	30% (+/-)	No	Yes
% with credential	100.0	88.2	88.2	-11.83	0.03	30% (+/-)	Yes	Yes
% with business name	0.0	9.6	9.6	Div by 0	0.19	30% (+/-)	N/A	Yes
% with address line 1	100.0	99.6	99.7	-0.44	0.15	30% (+/-)	Yes	Yes
% with city	100.0	99.6	99.7	-0.44	0.15	30% (+/-)	Yes	Yes
% with state	100.0	99.6	99.7	-0.44	0.15	30% (+/-)	Yes	Yes
% state = RX state code	0.0	88.9	87.5	Div by 0	-1.47	30% (+/-)	N/A	Yes
% with zip code	100.0	99.6	99.7	-0.44	0.15	30% (+/-)	Yes	Yes
% with primary taxonomy	50.0	98.4	98.6	96.88	0.17	30% (+/-)	No	Yes
% with provider entity type = individual	100.0	90.0	90.1	-10.03	0.15	30% (+/-)	Yes	Yes
% with provider entity type = organization	0.0	9.6	9.6	Div by 0	0.19	30% (+/-)	N/A	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	0	Div by 0	Div by 0	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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2009-2011 MAX RX Prescribing Provider Characteristics Validation Table
State: GA
Produced: 04/03/2013

Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
Provider IDs with NPPES Primary Taxonomy								
Number of provider IDs with NPPES primary taxonomy	36	18,513	21,012	51,325.00	13.50	30% (+/-)	No	Yes
% individual or group of individuals	100.0	90.8	90.8	-9.22	0.04	30% (+/-)	Yes	Yes
% allopathic and osteopathic physicians	0.0	68.9	67.0	Div by 0	-2.75	30% (+/-)	N/A	Yes
% behavioral health and social service providers	97.2	0.2	0.2	-99.81	6.25	30% (+/-)	No	Yes
% chiropractic providers	0.0	0.0	0.0	Div by 0	76.21	30% (+/-)	N/A	Yes
% dental providers	0.0	5.8	5.7	Div by 0	-0.59	30% (+/-)	N/A	Yes
% dietary and nutritional service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% emergency medical service providers	0.0	0.0	0.0	Div by 0	-11.89	30% (+/-)	N/A	Yes
% eye and vision service providers	0.0	2.1	2.1	Div by 0	2.83	30% (+/-)	N/A	Yes
% nursing service providers	0.0	0.1	0.1	Div by 0	2.79	30% (+/-)	N/A	Yes
% nursing service-related providers	0.0	0.0	0.0	Div by 0	-11.89	30% (+/-)	N/A	Yes
% other service providers	0.0	4.2	3.8	Div by 0	-8.01	30% (+/-)	N/A	Yes
% pharmacy service providers	0.0	0.3	0.3	Div by 0	1.32	30% (+/-)	N/A	Yes
% physician assistants and advanced practice nursing providers	2.8	7.7	9.8	177.10	27.62	30% (+/-)	Yes	Yes
% podiatric medicine and surgery service providers	0.0	1.3	1.2	Div by 0	-2.86	30% (+/-)	N/A	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	0.0	0.1	0.1	Div by 0	51.04	30% (+/-)	N/A	Yes
% speech, language, and hearing service providers	0.0	0.1	0.1	Div by 0	32.16	30% (+/-)	N/A	Yes
% student health care	0.0	0.1	0.2	Div by 0	71.32	30% (+/-)	N/A	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% group of individuals with multi- or single specialty	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% nonindividuals	0.0	9.2	9.2	Div by 0	-0.43	30% (+/-)	N/A	Yes
% agencies	0.0	0.1	0.1	Div by 0	17.48	30% (+/-)	N/A	Yes
% ambulatory health care facilities	0.0	0.2	0.3	Div by 0	15.38	30% (+/-)	N/A	Yes
% hospital units	0.0	0.0	0.0	Div by 0	-55.95	30% (+/-)	N/A	Yes
% hospitals	0.0	0.4	0.5	Div by 0	14.21	30% (+/-)	N/A	Yes
% laboratories	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% managed care organizations	0.0	0.0	0.0	Div by 0	-11.89	30% (+/-)	N/A	Yes
% nursing and custodial care facilities	0.0	0.0	0.0	Div by 0	2.79	30% (+/-)	N/A	Yes
% residential treatment facilities	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% respite care facility	0.0	0.0	0.0	Div by 0	Div by 0	30% (+/-)	N/A	N/A
% suppliers	0.0	8.4	8.2	Div by 0	-1.65	30% (+/-)	N/A	Yes
% transportation services	0.0	0.0	0.0	Div by 0	-11.89	30% (+/-)	N/A	Yes
% nonmedical	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Individual								
Number of provider IDs with entity type = individual	2	16,919	19,198	845,850.00	13.47	30% (+/-)	No	Yes
% a sole proprietorship	0.0	20.9	20.6	Div by 0	-1.48	30% (+/-)	N/A	Yes
% not a sole proprietorship	100.0	73.0	73.7	-26.98	0.97	30% (+/-)	Yes	Yes
% not answered	0.0	6.0	5.6	Div by 0	-6.60	N/A	N/A	N/A
Provider IDs with Entity Type = Organization								
Number of provider IDs with entity type = organization	0	1,805	2,049	Div by 0	13.52	30% (+/-)	N/A	Yes
% organization is a subpart	0.0	10.9	10.9	Div by 0	0.23	30% (+/-)	N/A	Yes
% organization is not a subpart	0.0	80.7	80.0	Div by 0	-0.84	30% (+/-)	N/A	Yes
% not answered	0.0	8.4	9.1	Div by 0	7.80	N/A	N/A	N/A

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
All Providers								
Number of provider IDs	105,009	143,497	159,948	36.65	11.46	30%(+/-)	No	Yes
% billing provider on IP claim	0.7	0.4	0.4	-38.82	-6.88	N/A	N/A	N/A
% NPI billing provider on IP claim	0.7	0.4	0.3	-44.05	-9.64	N/A	N/A	N/A
% billing provider on LT claim	0.4	0.5	0.2	29.65	-58.61	N/A	N/A	N/A
% NPI billing provider on LT claim	0.4	0.3	0.2	-27.66	-24.51	N/A	N/A	N/A
% billing provider on OT claim	36.6	38.6	15.2	5.67	-60.61	N/A	N/A	N/A
% servicing provider on OT claim	62.9	51.4	48.3	-18.28	-5.98	N/A	N/A	N/A
% NPI servicing provider on OT claim	32.6	24.4	22.3	-24.96	-8.76	N/A	N/A	N/A
% billing provider on RX claim	2.3	3.3	2.7	46.51	-18.87	N/A	N/A	N/A
% prescribing provider on RX claim	2.2	23.8	28.0	978.80	17.40	N/A	N/A	N/A
% NPI billing provider on RX claim	2.1	1.6	2.6	-24.54	60.33	N/A	N/A	N/A
% billing provider	37.7	41.7	18.4	10.69	-55.98	N/A	N/A	N/A
% NPI billing provider	3.2	2.2	3.1	-29.09	39.16	N/A	N/A	N/A
% servicing provider	62.9	51.4	48.3	-18.28	-5.98	N/A	N/A	N/A
% NPI servicing provider	32.6	24.4	22.3	-24.96	-8.76	N/A	N/A	N/A
% prescribing provider	2.2	23.8	28.0	978.80	17.40	N/A	N/A	N/A
% provider IDs with NPI	93.8	76.7	73.1	-18.24	-4.74	30%(+/-)	Yes	Yes
% provider IDs linked to NPPES	93.5	76.7	73.1	-17.98	-4.72	30%(+/-)	Yes	Yes
% provider IDs with or without NPI but linked to state provider file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
average number of claims	1,537.3	1,338.8	1,408.5	-12.91	5.20	30%(+/-)	Yes	Yes
average number of beneficiaries with claims	254.2	260.6	230.5	2.53	-11.57	30%(+/-)	Yes	Yes
Provider IDs with NPI								
Number of provider IDs with NPI	98,512	110,064	116,871	11.73	6.18	30%(+/-)	Yes	Yes
% NPI source = MSIS	99.8	99.4	99.4	-0.43	0.04	30%(+/-)	Yes	Yes
% NPI source = NPPES	0.2	0.6	0.6	240.22	-6.25	30%(+/-)	Yes	Yes
% NPI source = state cross-reference file	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs Linked to NPPES								
Number of provider IDs linked to NPPES	98,175	110,037	116,863	12.08	6.20	30%(+/-)	Yes	Yes
% linked via NPI	99.8	99.4	99.4	-0.43	0.04	30%(+/-)	Yes	Yes
% linked via Medicaid legacy provider ID	0.2	0.6	0.6	237.40	-6.13	30%(+/-)	Yes	Yes
% linked via Medicare UPIN	0.0	0.0	0.0	390.71	-14.40	30%(+/-)	Yes	Yes
% with name prefix	37.4	37.3	37.5	-0.22	0.48	30%(+/-)	Yes	Yes
% with first name	82.5	82.2	81.8	-0.37	-0.41	30%(+/-)	Yes	Yes
% with middle name	65.1	65.1	64.8	0.04	-0.53	30%(+/-)	Yes	Yes
% with last name	82.5	82.2	81.8	-0.37	-0.41	30%(+/-)	Yes	Yes
% with name suffix	4.9	4.8	4.6	-2.10	-2.82	30%(+/-)	Yes	Yes
% male	53.0	52.3	51.5	-1.44	-1.52	30%(+/-)	Yes	Yes
% female	29.4	29.9	30.4	1.58	1.52	30%(+/-)	Yes	Yes
% with credential	80.0	79.9	79.5	-0.19	-0.48	30%(+/-)	Yes	Yes
% with business name	17.5	17.5	17.9	-0.33	2.68	30%(+/-)	Yes	Yes
% with address line 1	100.0	99.6	99.8	-0.36	0.13	30%(+/-)	Yes	Yes
% with city	100.0	99.6	99.8	-0.36	0.13	30%(+/-)	Yes	Yes
% with state	100.0	99.6	99.8	-0.36	0.13	30%(+/-)	Yes	Yes
% state = claim file state code	84.4	84.0	83.6	-0.47	-0.53	30%(+/-)	Yes	Yes
% with zip code	100.0	99.6	99.8	-0.36	0.13	30%(+/-)	Yes	Yes
% with primary taxonomy	100.0	98.2	98.4	-1.76	0.16	30%(+/-)	Yes	Yes

Source: Medicaid Analytic eXtract (MAX) Provider Characteristics Files, 2009-2011.

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Measure	2009 Value	2010 Value	2011 Value	% Change 2009-2010	% Change 2010-2011	Cross Year Expected Range	Cross Year 2009-2010 Within Range[a]	Cross Year 2010-2011 Within Range[b]
% with provider entity type = individual	82.5	82.2	81.8	-0.37	-0.41	30%(+/-)	Yes	Yes
% with provider entity type = organization	17.5	17.5	17.9	-0.33	2.68	30%(+/-)	Yes	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	0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with NPPES Primary Taxonomy								
Number of provider IDs with NPPES primary taxonomy	98,474	108,079	114,968	9.75	6.37	30%(+/-)	Yes	Yes
% individual or group of individuals	84.2	84.4	83.7	0.21	-0.80	30%(+/-)	Yes	Yes
% allopathic and osteopathic physicians	54.2	55.8	55.3	3.04	-1.00	30%(+/-)	Yes	Yes
% behavioral health and social service providers	3.1	2.8	2.6	-11.53	-4.45	30%(+/-)	Yes	Yes
% chiropractic providers	0.2	0.2	0.1	-18.09	-16.05	30%(+/-)	Yes	Yes
% dental providers	3.5	3.2	3.2	-7.68	0.84	30%(+/-)	Yes	Yes
% dietary and nutritional service providers	0.0	0.0	0.0	-18.65	-28.55	30%(+/-)	Yes	Yes
% emergency medical service providers	0.1	0.0	0.0	-27.99	-7.91	30%(+/-)	Yes	Yes
% eye and vision service providers	1.4	1.4	1.3	-4.41	-5.36	30%(+/-)	Yes	Yes
% nursing service providers	0.4	0.2	0.2	-51.56	3.66	30%(+/-)	Yes	Yes
% nursing service-related providers	0.1	0.0	0.0	-41.32	-10.94	30%(+/-)	Yes	Yes
% other service providers	3.8	3.2	3.0	-17.09	-3.90	30%(+/-)	Yes	Yes
% pharmacy service providers	0.1	0.2	0.2	36.67	-4.59	30%(+/-)	Yes	Yes
% physician assistants and advanced practice nursing providers	11.3	12.6	12.9	11.98	2.36	30%(+/-)	Yes	Yes
% podiatric medicine and surgery service providers	0.8	0.8	0.8	-0.07	0.78	30%(+/-)	Yes	Yes
% respiratory, developmental, rehabilitative, and restorative service providers	2.3	2.1	1.9	-9.44	-8.10	30%(+/-)	Yes	Yes
% speech, language, and hearing service providers	1.8	1.8	1.8	-1.37	2.18	30%(+/-)	Yes	Yes
% student health care	0.2	0.1	0.1	-66.41	68.70	30%(+/-)	Yes	Yes
% technologists, technicians, and other technical service providers	0.0	0.0	0.0	36.67	-21.66	30%(+/-)	Yes	Yes
% group of individuals with multi- or single specialty	0.9	0.0	0.0	-100.00	Div by 0	30%(+/-)	Yes	N/A
% nonindividuals	15.8	15.6	16.3	-1.10	4.32	30%(+/-)	Yes	Yes
% agencies	3.8	3.9	3.7	2.22	-4.88	30%(+/-)	Yes	Yes
% ambulatory health care facilities	2.1	1.8	1.7	-14.02	-5.40	30%(+/-)	Yes	Yes
% hospital units	0.1	0.1	0.0	-59.00	-56.73	30%(+/-)	Yes	Yes
% hospitals	2.4	2.1	1.6	-12.38	-24.08	30%(+/-)	Yes	Yes
% laboratories	0.3	0.3	0.4	12.31	9.37	30%(+/-)	Yes	Yes
% managed care organizations	0.0	0.0	0.0	-51.41	-5.99	30%(+/-)	Yes	Yes
% nursing and custodial care facilities	0.6	0.9	0.8	38.10	-5.31	30%(+/-)	Yes	Yes
% residential treatment facilities	0.4	0.5	0.5	39.15	-10.84	30%(+/-)	Yes	Yes
% respite care facility	0.0	0.0	0.0	-15.90	17.51	30%(+/-)	Yes	Yes
% suppliers	5.5	5.6	7.2	0.45	28.59	30%(+/-)	Yes	Yes
% transportation services	0.4	0.4	0.4	-3.10	-1.78	30%(+/-)	Yes	Yes
% nonmedical	0.0	0.0	0.0	Div by 0	Div by 0	N/A	N/A	N/A
Provider IDs with Entity Type = Individual								
Number of provider IDs with entity type = individual	80,979	90,431	95,646	11.67	5.77	30%(+/-)	Yes	Yes
% a sole proprietorship	18.7	18.9	18.9	0.90	0.08	30%(+/-)	Yes	Yes
% not a sole proprietorship	71.2	74.5	75.0	4.57	0.67	30%(+/-)	Yes	Yes
% not answered	10.1	6.7	6.2	-33.84	-7.69	N/A	N/A	N/A
Provider IDs with Entity Type = Organization								
Number of provider IDs with entity type = organization	17,196	19,211	20,950	11.72	9.05	30%(+/-)	Yes	Yes
% organization is a subpart	11.3	11.7	16.2	3.52	37.67	30%(+/-)	Yes	No
% organization is not a subpart	65.2	70.5	68.4	8.03	-2.90	30%(+/-)	Yes	Yes
% not answered	23.4	17.8	15.4	-24.03	-13.34	N/A	N/A	N/A

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