



FACT SHEET

FOR IMMEDIATE RELEASE
September 19, 2014

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Data show National Partnership to Improve Dementia Care exceeds goals to reduce unnecessary antipsychotic medications in nursing homes

The Centers for Medicare & Medicaid Services (CMS) established the National Partnership to Improve Dementia Care. The partnership catalyzed a broad range of activities by provider organizations and others, and ultimately led to the formation of state-based coalitions to improve dementia care in every state. The goal of the Partnership is to continue to reduce the use of unnecessary antipsychotic medications, as well as other potentially harmful medications in nursing homes and eventually other care settings as well. The Partnership includes consumers, advocacy organizations, nursing home staff, and professional associations, such as American Health Care Association (AHCA) and LeadingAge.

Today, the National Partnership to Improve Dementia Care announced that it met its initial goal of reducing the national prevalence of antipsychotic use in long-stay nursing home residents by 15.1 percent. It also announced a new goal of a 25 percent reduction by the end of 2015, and a 30 percent reduction by the close of 2016 using the prior baseline rate (fourth quarter of 2011). The data below show current trends related to the prevalence of antipsychotic use, CMS noncompliance/deficiency citations, as well as the utilization of psychopharmacological medications. In 2011, Medicare Part D spending on antipsychotic drugs totaled \$7.6 billion, which was the second highest class of drugs, accounting for 8.4 percent of Part D spending.

Current data trends

- Over 21 months, the national prevalence of antipsychotic use by long-stay nursing home residents was reduced by 17.1 percent (from 23.8 percent to 19.8 percent). All 50 states and every CMS region showed at least some improvement. Some states showed much more improvement than others. The states that have reduced their rate by the most include Hawaii (31.4 percent), North Carolina (29.9 percent), Vermont (28.2 percent), and Georgia (28.1 percent). (Data on all states is below in figure 3). Short-stay incidence rates improved as well.

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- Trends for unnecessary drug use (tracked by CMS deficiency tag F329) from 2009 through 2013 are represented in tables 1 and 2. CMS tracks citation patterns by state and region for unnecessary drug use, including scope and severity. (Please note: Not all citations for unnecessary drug use (F329) relate to antipsychotic medications specifically; this deficiency tag includes deficiencies related to any unnecessary drug).
- CMS is also looking at how other psychopharmacological medications are prescribed. For example, there has been seen a small decline in the use of sedative-hypnotics.

Moving forward

CMS is actively seeking input from measurement experts and others on additional measures of person-centered care and dementia care practices in an effort to consider balancing measures, beyond current metrics that quantify antipsychotic medication use.

CMS and all our partners will continue to look at a variety of efforts and interventions to help meet our goals, such as:

- Focused dementia health and safety care surveys;
- Review of surveyor feedback on guidance and trends in enforcement;
- Additional opportunities to measure and publicly report on improved dementia care;
- Continuation of our national education sessions on non-pharmacological, person-centered care;
- Ongoing work of grassroots state coalitions in all 50 states; and
- Provision of technical assistance through Quality Improvement Organizations (QIOs) or other quality improvement partners.

CMS will also continue to monitor potential consequences, such as prescribing shifts from antipsychotic medications to anxiolytics or sedative/hypnotics, as well as changes in functional or cognitive status of nursing home residents that may result from a shift to approaches that don't rely on medication to treat dementia.

Finally, CMS and its partners will continue to promote research on improving systems of care in nursing homes, use of individualized, person-centered approaches to care of people with dementia, innovative programs such as telepsychiatry for rural nursing homes, and the effectiveness of this and other national initiatives to reduce unnecessary antipsychotic medication use in nursing homes.

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Figure 1: Quarterly Prevalence of Antipsychotic Use for Long-Stay Nursing Home Residents, 2011-Q2 to 2014-Q1

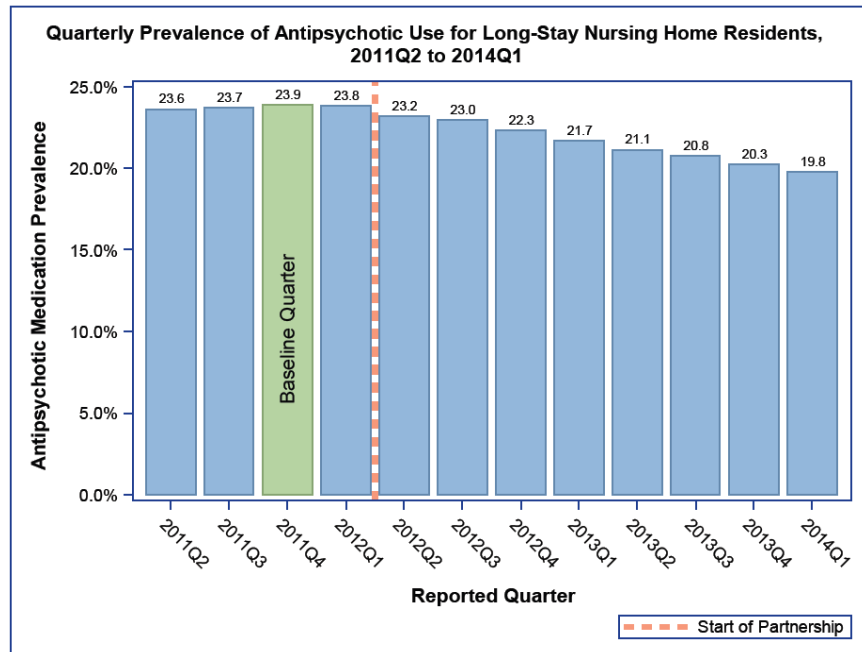
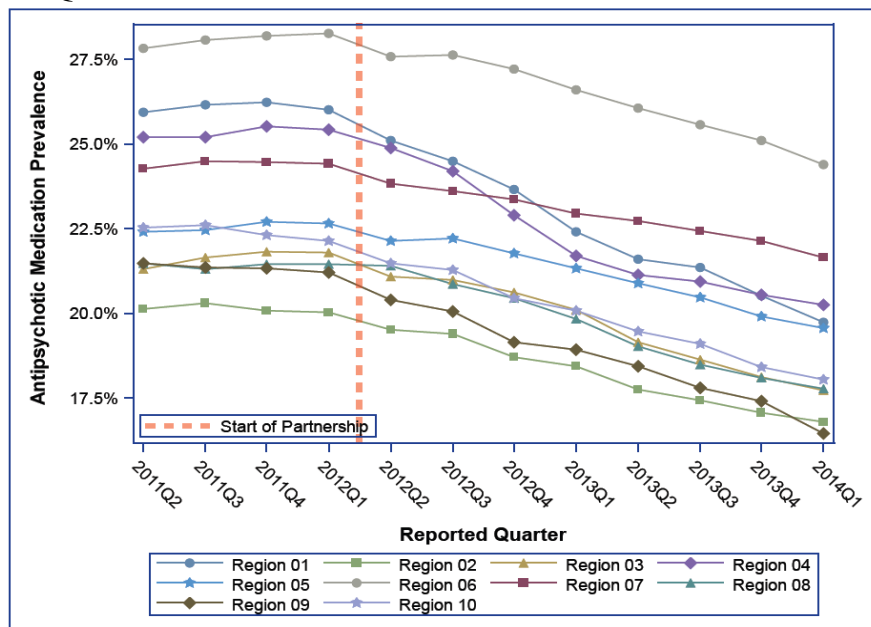


Figure 2: Quarterly Prevalence of Antipsychotic Use for Long-Stay Residents, CMS Regions* 2011-Q2 to 2014-Q1



***Region 1:** Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont; **Region 2:** New Jersey, New York, Puerto Rico, Virgin Islands; **Region 3:** Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia; **Region 4:** Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee; **Region 5:** Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin; **Region 6:** Kansas, Louisiana, New Mexico, Oklahoma, Texas; **Region 7:** Iowa, Kansas, Missouri, Nebraska; **Region 8:** Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming; **Region 9:** Arizona, California, Hawaii, Nevada, Pacific Territories; **Region 10:** Alaska, Idaho, Oregon Washington

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Figure 3: Quarterly Prevalence of Antipsychotic Use for Long-Stay Residents, States 2011Q2 to 2014Q1

State	2011Q2	2011Q3	2011Q4	2012Q1	2012Q2	2012Q3	2012Q4	2013Q1	2013Q2	2013Q4	2014Q1	Rank in 2014Q1	Percentage point difference (2011Q4-2014Q1)	% Change
AK	15.60%	15.10%	13.70%	13.40%	13.00%	13.60%	12.40%	12.50%	11.80%	12.80%	12.70%	2	-0.99	-7.20%
AL	27.00%	27.40%	27.30%	27.50%	26.50%	26.00%	24.00%	22.90%	22.20%	22.20%	22.10%	44	-5.19	-19.00%
AR	25.70%	27.00%	26.10%	26.10%	25.30%	25.80%	25.50%	25.10%	24.40%	22.80%	21.70%	42	-4.42	-16.90%
AZ	22.40%	22.50%	22.70%	22.70%	21.70%	21.60%	20.90%	20.40%	20.20%	20.70%	18.50%	26	-4.20	-18.40%
CA	21.70%	21.60%	21.60%	21.30%	20.40%	20.10%	19.20%	19.00%	18.40%	17.10%	16.30%	13	-5.22	-24.20%
CO	19.80%	19.70%	19.90%	19.90%	20.30%	19.60%	19.40%	18.50%	17.50%	16.40%	16.40%	14	-3.48	-17.50%
CT	25.80%	26.10%	26.00%	25.80%	25.00%	24.30%	23.20%	22.40%	21.60%	21.00%	20.40%	34	-5.63	-21.60%
DC	21.40%	20.00%	20.00%	19.40%	18.80%	19.40%	18.20%	17.40%	17.60%	14.50%	14.80%	5	-5.14	-25.70%
DE	21.10%	21.00%	21.30%	21.80%	22.60%	21.90%	20.90%	18.00%	16.80%	15.50%	15.50%	9	-5.83	-27.40%
FL	24.20%	24.30%	24.50%	24.60%	23.80%	23.50%	23.30%	22.70%	22.10%	21.20%	21.20%	38	-3.30	-13.50%
GA	28.40%	28.40%	28.70%	28.70%	28.00%	27.10%	24.20%	22.70%	21.80%	21.10%	20.60%	36	-8.06	-28.10%
HI	11.40%	12.20%	12.50%	13.50%	15.30%	13.20%	11.70%	11.00%	11.40%	11.60%	8.50%	1	-3.91	-31.40%
IA	22.20%	22.30%	22.30%	22.00%	21.70%	21.10%	20.60%	20.20%	20.20%	20.00%	19.70%	32	-2.62	-11.70%
ID	26.40%	25.70%	25.30%	26.40%	25.10%	24.50%	23.90%	23.10%	21.90%	19.30%	19.30%	30	-6.01	-23.70%
IL	26.00%	25.80%	25.70%	25.60%	25.30%	25.70%	25.50%	25.00%	25.20%	24.00%	24.10%	49	-1.56	-6.10%
IN	23.00%	23.60%	24.00%	24.10%	22.90%	23.10%	22.20%	21.70%	20.90%	20.20%	19.90%	33	-4.18	-17.40%
KS	26.10%	26.50%	26.10%	26.10%	25.20%	25.30%	25.10%	24.20%	23.90%	23.00%	23.10%	47	-2.98	-11.40%
KY	25.50%	25.20%	26.00%	26.00%	25.20%	24.40%	23.10%	21.90%	22.00%	21.60%	21.20%	37	-4.82	-18.50%
LA	29.70%	29.90%	29.70%	29.70%	29.10%	28.90%	28.60%	27.80%	27.00%	26.50%	25.50%	50	-4.20	-14.10%
MA	26.60%	26.70%	26.70%	26.60%	25.40%	25.10%	24.50%	22.90%	22.20%	21.20%	20.60%	35	-6.14	-23.00%
MD	19.50%	19.80%	19.80%	19.60%	18.50%	17.80%	17.70%	17.30%	16.70%	15.90%	15.90%	10	-3.84	-19.40%
ME	26.40%	26.70%	27.20%	26.90%	25.90%	25.10%	24.20%	22.60%	21.70%	20.10%	18.50%	25	-8.69	-31.90%
MI	16.20%	16.00%	16.40%	16.40%	15.80%	16.00%	15.50%	14.90%	14.40%	13.90%	13.70%	3	-2.73	-16.70%
MN	18.90%	19.00%	19.00%	18.80%	18.10%	18.00%	18.00%	17.90%	17.30%	16.60%	16.00%	11	-2.99	-15.70%
MO	25.50%	26.00%	26.10%	26.00%	25.30%	25.20%	24.90%	24.60%	24.40%	23.10%	22.20%	45	-3.96	-15.20%

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State	2011Q2	2011Q3	2011Q4	2012Q1	2012Q2	2012Q3	2012Q4	2013Q1	2013Q2	2013Q4	2014Q1	Rank in 2014Q1	Percentage point difference (2011Q4-2014Q1)	% Change
MS	26.60%	26.80%	26.60%	26.30%	26.60%	26.10%	25.30%	24.70%	24.40%	24.30%	23.80%	48	-2.78	-10.50%
MT	21.60%	22.00%	21.50%	21.50%	19.50%	19.70%	19.50%	19.70%	19.20%	17.20%	16.90%	17	-4.56	-21.20%
NC	21.10%	20.80%	21.40%	21.30%	20.70%	19.90%	18.00%	16.50%	16.00%	15.60%	15.00%	6	-6.41	-29.90%
ND	20.80%	21.40%	21.30%	21.20%	20.60%	20.40%	19.80%	19.10%	18.50%	18.70%	18.00%	19	-3.34	-15.70%
NE	22.70%	22.40%	22.30%	22.90%	22.60%	22.60%	22.90%	22.50%	22.20%	22.70%	22.00%	43	-0.35	-1.60%
NH	25.70%	25.40%	25.50%	25.10%	24.00%	23.80%	23.70%	22.70%	21.10%	20.10%	18.80%	27	-6.77	-26.50%
NJ	17.00%	18.20%	17.90%	17.80%	17.50%	17.40%	17.10%	16.60%	15.90%	15.10%	14.50%	4	-3.36	-18.80%
NM	22.40%	22.30%	21.70%	22.00%	20.00%	20.40%	22.20%	20.30%	20.70%	18.10%	19.50%	31	-2.12	-9.80%
NV	22.20%	20.70%	20.30%	20.50%	21.10%	19.70%	20.20%	20.10%	20.40%	19.70%	19.10%	29	-1.22	-6.00%
NY	22.00%	21.60%	21.30%	21.40%	20.80%	20.60%	19.70%	19.50%	18.90%	18.20%	18.00%	21	-3.28	-15.40%
OH	24.90%	25.00%	25.40%	25.40%	25.00%	24.80%	24.50%	24.10%	23.30%	22.00%	21.60%	40	-3.87	-15.20%
OK	26.70%	26.80%	27.30%	27.50%	27.30%	26.60%	25.50%	23.00%	22.70%	21.70%	21.50%	39	-5.86	-21.40%
OR	20.60%	21.00%	21.50%	21.30%	20.00%	19.90%	19.20%	19.10%	18.60%	18.30%	18.40%	24	-3.07	-14.30%
PA	21.60%	22.10%	22.30%	22.20%	21.70%	21.70%	21.10%	20.50%	19.40%	18.80%	18.30%	23	-4.00	-17.90%
RI	23.00%	23.80%	24.00%	23.90%	23.10%	21.70%	20.20%	20.30%	19.30%	17.50%	16.90%	16	-7.12	-29.70%
SC	20.60%	20.50%	20.70%	20.60%	20.70%	20.20%	18.30%	17.20%	16.90%	15.50%	15.30%	7	-5.38	-26.00%
SD	21.80%	21.80%	21.50%	21.50%	21.30%	21.40%	20.50%	20.00%	18.80%	18.60%	18.00%	20	-3.53	-16.40%
TN	29.30%	29.50%	30.00%	29.30%	29.00%	27.70%	27.20%	25.00%	23.90%	23.40%	23.10%	46	-6.87	-22.90%
TX	28.40%	28.50%	28.80%	28.90%	28.20%	28.30%	28.00%	27.90%	27.30%	26.50%	25.70%	51	-3.13	-10.90%
UT	26.90%	24.70%	27.10%	26.90%	27.10%	26.30%	26.40%	25.00%	24.50%	21.70%	21.70%	41	-5.43	-20.00%
VA	22.40%	22.80%	23.00%	22.90%	21.80%	21.90%	22.10%	22.10%	21.00%	19.70%	19.00%	28	-4.01	-17.40%
VT	25.50%	26.10%	25.40%	25.70%	26.20%	24.90%	23.40%	20.30%	20.20%	18.80%	18.20%	22	-7.17	-28.20%
WA	22.80%	23.00%	22.30%	21.80%	21.70%	21.60%	20.60%	20.20%	19.70%	18.60%	17.80%	18	-4.49	-20.10%
WI	18.70%	18.70%	19.00%	18.90%	18.90%	19.00%	18.00%	17.70%	17.40%	16.30%	15.40%	8	-3.64	-19.10%
WV	20.10%	20.30%	20.50%	21.50%	20.40%	20.70%	20.40%	19.80%	19.00%	16.50%	16.10%	12	-4.41	-21.50%
WY	17.80%	18.40%	16.80%	16.90%	19.40%	16.80%	17.50%	17.00%	16.50%	17.90%	16.50%	15	-0.31	-1.80%

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Table 1: Number of F329 and Total Citations on Annual Surveys, 2009-2013

Region	2009 Citations		2010 Citations		2011 Citations		2012 Citations		2013 Citations	
	F329 Citations	Total Citations	F329 Citations	Total Citations	F329 Citations	Total Citations	F329 Citations	Total Citations	F329 Citations	Total Citations
1	141	5,124	139	4,471	132	3,902	138	3,994	158	3,788
2	124	5,183	115	4,857	149	5,129	143	4,871	150	4,639
3	256	9,196	258	7,705	218	7,998	285	8,162	406	8,403
4	356	13,175	298	12,272	299	11,117	292	10,989	259	9,930
5	825	22,274	802	20,645	868	21,264	815	19,060	1,014	17,976
6	319	13,695	260	12,575	278	13,019	229	12,900	368	13,036
7	262	10,755	301	9,494	314	9,496	288	8,411	370	8,288
8	134	4,543	149	4,508	124	3,815	166	4,497	187	4,540
9	386	13,765	387	13,703	361	12,295	350	12,277	478	11,996
10	124	2,996	150	3,029	159	3,213	141	2,716	145	2,762
National	2,927	100,706	2,859	93,259	2,902	91,248	2,847	87,877	3,535	85,358

Table 2: F329 Citations as a Percentage of All Citations on Annual Surveys, 2009-2013

Region	2009 Citations on Annual Surveys		2010 Citations on Annual Surveys		2011 Citations on Annual Surveys		2012 Citations on Annual Surveys		2013 Citations on Annual Surveys	
	Percent F329 Citations	Total Citations	Percent F329 Citations	Total Citations	Percent F329 Citations	Total Citations	Percent F329 Citations	Total Citations	Percent F329 Citations	Total Citations
1	2.75	5,124	3.11	4,471	3.38	3,902	3.46	3,994	4.17	3,788
2	2.39	5,183	2.37	4,857	2.91	5,129	2.94	4,871	3.23	4,639
3	2.78	9,196	3.35	7,705	2.73	7,998	3.49	8,162	4.83	8,403
4	2.70	13,175	2.43	12,272	2.69	11,117	2.66	10,989	2.61	9,930
5	3.70	22,274	3.88	20,645	4.08	21,264	4.28	19,060	5.64	17,976
6	2.33	13,695	2.07	12,575	2.14	13,019	1.78	12,900	2.82	13,036
7	2.44	10,755	3.17	9,494	3.31	9,496	3.42	8,411	4.46	8,288
8	2.95	4,543	3.31	4,508	3.25	3,815	3.69	4,497	4.12	4,540
9	2.80	13,765	2.82	13,703	2.94	12,295	2.85	12,277	3.98	11,996
10	4.14	2,996	4.95	3,029	4.95	3,213	5.19	2,716	5.25	2,762
National	2.91	100,706	3.07	93,259	3.18	91,248	3.24	87,877	4.14	85,358

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