

National Core Indicators® 2018-19 In-Person Survey (IPS) Report

Medication

Medications are used effectively and appropriately.

What to know about the presentation of Medication data:



Charts with un-collapsed weighted NCI average

Here's what [collapsed](#) data are



State and weighted NCI averages

The number of respondents (N) is not weighted

Here's what [weighting](#) data means for comparisons



DATA CAUTION!

Many states' data have a large amount of missing data or data recorded as “don’t know”

Read about what this means [here](#)

Medication

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Where do these data come from?

Items in this chapter regarding Medication come from administrative sources.

Items in this chapter are a part of the NCI Health, Welfare, and Rights domain (Medication topic area) and comprise the “Medication” sub-domain (a specific area of concern within the domain). The Medication sub-domain includes items that help determine whether “medications are managed effectively and appropriately”. Read more about NCI domains and sub-domains in the Overview chapter or this report.

What are “collapsed” data?

Many questions in the IPS allow respondents to answer a question with “middle” response like “maybe”, “sometimes” or “in-between”. The tables in this section present collapsed data. That means that two or more response options are grouped together if they are considered to reflect a positive outcome. The table titles explain which options were grouped.

To see the breakout of responses for each option, please see Appendix C.

What is weighting and why do we do it?

The NCI averages are “weighted” to reflect the states’ relative population and sample sizes. We created the weights using the state’s number of valid surveys and its total survey-eligible population. This way, a state that provides services to a larger number of people but uses a sample similar in size to other states has a greater influence on the overall NCI average (that is, its contribution is *proportional to its service population*).

Some states—in this survey year, **IN, MN, TX and WI**—intentionally oversampled one or more subpopulations or geographical regions to get more focused insights, so their weights are calculated slightly differently (using the number of completed surveys and service population sizes in each subpopulation or region). You can read more about this in the Methodology section of the Overview chapter.

The number of respondents (N) for each question *is not* weighted.

DATA CAUTION!

Several states had large amounts of missing data or data recorded as “don’t know.” Where 25% or more of a state’s sample had “don’t know” or missing responses, we used an asterisk (*) to indicate that state’s data should be interpreted with caution as it may not accurately represent the sample or service population.

Note. For those surveyed from RI’s SDS service delivery model, there are no administrative records available from which to pull much of the background information. Therefore, the RI data from the background information section may not be representative of this population.

Presentation of state and weighted NCI averages

Averages

For the most part, the state outcomes are shown in descending order of percentage and are categorized as statistically significantly above the NCI Average, within the range of the NCI Average, or significantly below the NCI Average. Statistical significance is taken to be at or below the .01 level. For those states that fall within the NCI Average range, their ‘always’ or ‘yes’ response was not statistically different from the NCI Average. Other tables show the states listed in alphabetical order and are not tested for significance.

Tables that show significance also break out average results for each state by the type of residence: ICF/IID or other institutional settings, group residence, own home, parent/relative’s home, foster or host home. Figure A on the following page shows, by state, the percentage of people surveyed in each residence type. Please note though that:

- Significance testing was not performed on the breakouts by residence
- The number of people in each residential setting is often too small to allow for valid state-to-state comparisons
- And in many cases, statistically valid conclusions cannot be drawn about differences in results between residence types

Still, we provide this information for states’ internal purposes. It should not be used to compare one state with another.

To protect people’s privacy, we do not show the data when fewer than 20 people from a state or residence type responded to a question (though their responses are included in the NCI average).

Due to the high rate of missing data and “don’t know” responses, some tables in this section are shown

twice. The first table illustrates data as typically reported (by significance tier and averages in descending order, excluding missing data and “don’t know” responses). The second table shows data in alphabetical order and includes the percentage of missing and “don’t know” responses. Data in both sets of tables are weighted.

Figure A. Percentage of people surveyed in each residence type by state

State	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent’s or Relative’s Home	Foster Care or Host Home	N
AL	0%	62%	5%	33%	0%	377
AZ	1%	18%	6%	67%	8%	411
AR	0%	19%	39%	39%	4%	505
CO	0%	16%	17%	45%	22%	649
CT	6%	41%	16%	34%	4%	384
DE	0%	58%	7%	28%	6%	322
FL	0%	30%	18%	51%	1%	867
GA	0%	28%	12%	53%	6%	474
HI	0%	12%	4%	57%	27%	360
IN	0%	0%	34%	64%	2%	742
KS	0%	45%	24%	26%	5%	401
KY	6%	36%	8%	35%	15%	428
ME	2%	31%	22%	22%	23%	392
MI	0%	45%	22%	28%	4%	646
MN	7%	50%	11%	28%	4%	2,061
MO	1%	16%	47%	32%	4%	401
NE	8%	36%	21%	24%	11%	396
NV	0%	59%	15%	22%	4%	408
NH	0%	13%	11%	39%	38%	397
NJ	0%	34%	12%	54%	0%	511
NY	13%	85%	0%	0%	2%	448
NC	14%	20%	7%	54%	6%	627
OH	4%	19%	27%	48%	1%	719
OK	0%	47%	23%	29%	2%	400
OR	0%	28%	20%	34%	19%	420
PA	8%	30%	16%	43%	4%	670
RI	0%	35%	17%	36%	12%	319
SC	2%	37%	16%	45%	0%	483
SD	0%	48%	40%	11%	1%	348
TN	3%	33%	33%	24%	8%	402
TX	17%	25%	5%	33%	20%	2,338
UT	7%	32%	11%	42%	9%	369
VT	0%	9%	12%	31%	48%	342
VA	2%	46%	7%	37%	8%	805
WA	0%	14%	34%	47%	5%	438
WI	2%	21%	33%	39%	5%	860
WY	0%	21%	39%	36%	4%	291
Weighted Total	4%	32%	18%	38%	7%	21,411

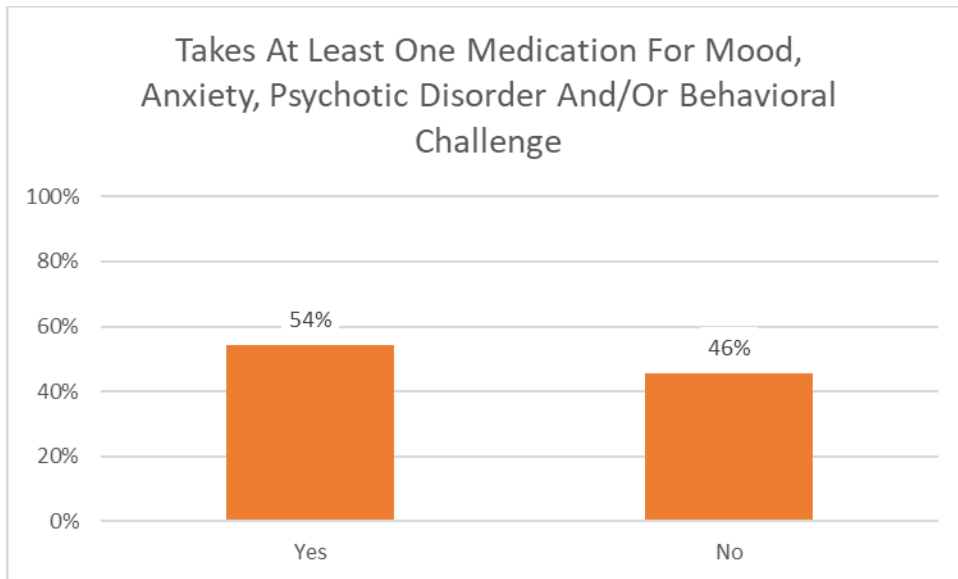


Table 1. Takes at least one medication for mood, anxiety, psychotic disorder and/or behavioral challenge (information may have been obtained through state records) ¹**Significantly Above Weighted NCI Average**

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
UT	69%	357	74%	84%	73%	57%	63%
KS	67%	396	n/a	71%	76%	50%	n/a
SD	65%	325	n/a	76%	59%	26%	n/a
OK	64%	400	n/a	78%	71%	36%	n/a
KY	64%	390	78%	76%	72%	44%	69%
TN	63%	378	n/a	67%	80%	38%	68%
WI*	63%	566	n/a	87%	66%	39%	n/a
VA	62%	792	n/a	72%	60%	49%	69%
NH	62%	392	n/a	80%	64%	43%	74%
MI	62%	636	n/a	71%	62%	48%	52%
AR	61%	484	n/a	76%	67%	45%	n/a

Within Weighted NCI Average

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
NE	59%	383	87%	58%	55%	49%	62%
AL	59%	376	n/a	71%	n/a	35%	n/a
MO	59%	399	n/a	74%	68%	33%	n/a
ME	58%	370	n/a	74%	53%	37%	63%
NC	57%	630	51%	78%	51%	45%	91%
VT	56%	341	n/a	71%	60%	40%	63%
WY	56%	322	n/a	69%	59%	43%	n/a
CT	55%	371	45%	63%	69%	40%	n/a
NV	55%	393	n/a	68%	43%	26%	n/a
DE	55%	255	n/a	66%	40%	25%	n/a
Weighted NCI Average	54%	17,489	60%	72%	59%	38%	61%
WA	54%	430	n/a	70%	67%	38%	n/a
PA	54%	670	66%	76%	44%	39%	68%
CO	54%	612	n/a	69%	49%	41%	71%
RI	53%	270	n/a	78%	54%	26%	52%
TX	52%	2,163	57%	70%	38%	41%	48%
NJ	52%	497	n/a	70%	54%	40%	n/a
OH	51%	639	63%	78%	60%	35%	n/a

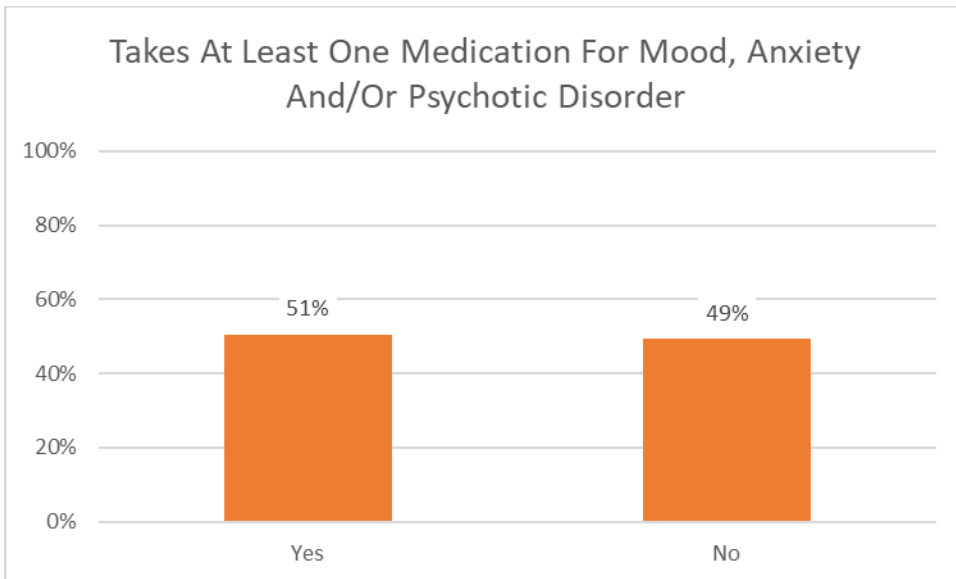
Significantly Below Weighted NCI Average

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
GA	47%	465	n/a	70%	51%	31%	67%
IN	46%	712	n/a	n/a	61%	39%	n/a
FL	43%	842	n/a	71%	35%	30%	n/a
AZ	43%	410	n/a	65%	64%	34%	58%
SC	42%	481	n/a	61%	44%	22%	n/a
HI	32%	342	n/a	51%	n/a	21%	45%

¹ Data were not available in records for MN, NY, and OR

State data with at least 25% "don't knows" and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C



Unlike previous, this **does not** include medication for behavioral challenges.

Table 2. Takes medication for mood, anxiety, and/or psychotic disorders (information may have been obtained through state records) ²**Significantly Above Weighted NCI Average**

State	Average Within State	N	ICF/ID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
UT	66%	356	71%	83%	71%	53%	63%
KS	63%	398	n/a	67%	71%	45%	n/a
SD	62%	330	n/a	73%	58%	24%	n/a
WI*	62%	566	n/a	84%	65%	38%	n/a
TN	61%	379	n/a	66%	77%	37%	64%
OK	61%	400	n/a	76%	68%	28%	n/a
NH	60%	391	n/a	78%	59%	41%	72%
KY	59%	397	78%	74%	67%	36%	67%
MI	59%	638	n/a	68%	61%	44%	48%
VA	58%	794	n/a	68%	52%	43%	67%
AR	57%	488	n/a	74%	64%	41%	n/a

Within Weighted NCI Average

State	Average Within State	N	ICF/ID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
ME	55%	373	n/a	71%	49%	36%	61%
AL	55%	374	n/a	67%	n/a	32%	n/a
MO	55%	400	n/a	70%	64%	29%	n/a
VT	53%	341	n/a	65%	60%	35%	60%
WY	52%	329	n/a	61%	59%	38%	n/a
PA	52%	666	65%	75%	42%	35%	67%
NE	51%	381	84%	47%	50%	44%	51%
NC	51%	631	42%	74%	49%	40%	85%
CO	51%	610	n/a	66%	48%	35%	70%
Weighted NCI Average	51%	17,573	57%	69%	57%	34%	58%
NV	50%	394	n/a	63%	38%	25%	n/a
WA	50%	436	n/a	66%	65%	33%	n/a
RI	50%	272	n/a	73%	54%	23%	48%
TX	49%	2,186	54%	67%	38%	38%	45%
DE*	49%	252	n/a	62%	35%	21%	n/a
CT	49%	373	36%	56%	64%	34%	n/a
OH	48%	647	63%	73%	57%	31%	n/a
NJ	47%	496	n/a	66%	50%	35%	n/a

Significantly Below Weighted NCI Average

State	Average Within State	N	ICF/ID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
GA	42%	473	n/a	63%	51%	27%	60%
IN	41%	716	n/a	n/a	57%	32%	n/a
AZ	41%	412	n/a	65%	64%	31%	53%
FL	39%	841	n/a	65%	32%	25%	n/a
SC	39%	483	n/a	57%	43%	19%	n/a
HI	22%	350	n/a	39%	n/a	14%	30%

² Data were not available in records for MN, NY, and OR

State data with at least 25% "don't knows" and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

Table 2B. Takes medication for mood, anxiety, and/or psychotic disorders (*includes missing and “don’t know” responses*; information may have been obtained through state records)

State	Takes medication	Does not take medication	Don't know	Missing	N
AL	55%	44%	0%	1%	378
AZ	40%	59%	0%	0%	413
AR	54%	42%	4%	1%	510
CO	43%	42%	6%	8%	712
CT	47%	49%	1%	4%	391
DE	36%	37%	19%	7%	342
FL	38%	59%	1%	2%	867
GA	42%	57%	0%	1%	479
HI	21%	75%	0%	3%	363
IN	39%	57%	3%	0%	742
KS	62%	36%	1%	1%	408
KY	55%	38%	6%	1%	429
ME	52%	42%	6%	1%	400
MI	57%	40%	2%	1%	658
MN	0%	0%	0%	100%	2,140
MO	54%	45%	1%	0%	403
NE	47%	44%	2%	7%	418
NV	49%	48%	3%	1%	408
NH	58%	39%	1%	2%	400
NJ	46%	51%	2%	2%	514
NY	0%	0%	99%	1%	448
NC	49%	47%	3%	0%	651
OH	43%	46%	9%	2%	732
OK	61%	40%	0%	0%	400
OR	0%	1%	98%	1%	421
PA	48%	45%	4%	3%	710
RI	38%	38%	13%	11%	358
SC	37%	59%	3%	1%	501
SD	58%	36%	3%	3%	351
TN	57%	36%	6%	0%	406
TX	46%	47%	7%	0%	2,388
UT	63%	32%	2%	2%	372
VT	52%	47%	1%	0%	346
VA	57%	42%	1%	0%	807
WA	49%	49%	0%	1%	441
WI	46%	28%	0%	26%	961
WY	50%	46%	4%	0%	341
Expanded Weighted NCI Average	40%	40%	13%	7%	22,009

State data with at least 25% “don’t knows” and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

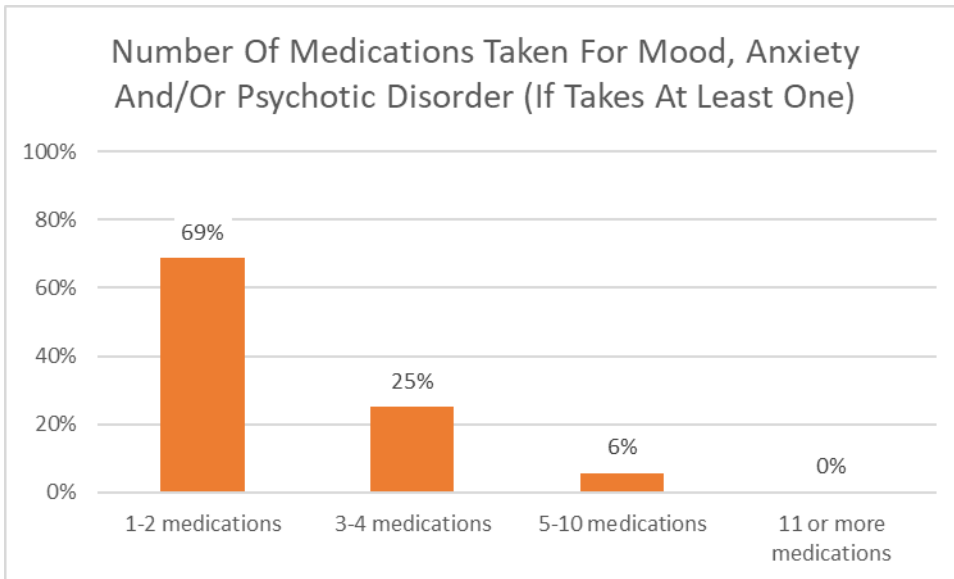


Table 3. Number of medications taken for at least one of the following: mood disorders, anxiety, or psychotic disorders if taking at least one medication for this purpose (information may have been obtained through state records)

State	1-2 medications	3-4 medications	5-10 medications	11 or more medications	N
AL	71%	26%	3%	0%	207
AZ	65%	32%	4%	0%	165
AR	71%	24%	5%	0%	266
CO	77%	20%	2%	0%	284
CT	77%	21%	2%	0%	172
DE	87%	13%	0%	0%	95
FL	78%	20%	2%	0%	325
GA	67%	25%	8%	0%	198
HI	75%	22%	3%	0%	77
IN	76%	22%	2%	0%	291
KS	68%	29%	3%	0%	245
KY	73%	21%	6%	0%	210
ME	77%	19%	4%	0%	189
MI	60%	32%	8%	1%	367
MO	67%	26%	7%	0%	217
NE	70%	24%	6%	0%	193
NV	76%	21%	3%	0%	195
NH	69%	26%	6%	0%	232
NJ	67%	27%	6%	0%	230
NC	69%	26%	5%	0%	310
OH	75%	20%	4%	0%	279
OK	62%	26%	11%	0%	242
PA	62%	29%	9%	0%	332
RI	73%	22%	5%	0%	127
SC	73%	21%	6%	0%	182
SD	66%	28%	7%	0%	198
TN	68%	28%	4%	1%	180
TX	64%	27%	8%	0%	983
UT	66%	29%	5%	0%	227
VT	67%	29%	4%	0%	180
VA	63%	30%	7%	0%	445
WA	80%	16%	3%	0%	213
WI	62%	29%	9%	0%	355
WY	77%	18%	5%	0%	170
MN*	n/a	n/a	n/a	n/a	n/a
NY*	n/a	n/a	n/a	n/a	n/a
OR*	n/a	n/a	n/a	n/a	n/a
Weighted NCI Average	69%	25%	6%	0%	8,581

State data with at least 25% “don’t knows” and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

Table 3B. Number of medications taken for at least one of the following: mood disorders, anxiety, or psychotic disorders if taking at least one medication for this purpose (*includes missing and “don’t know” responses*; information may have been obtained through state records)

State	1-2 medications	3-4 medications	5-10 medications	11 or more medications	Missing	Don't know	N
AL	71%	26%	3%	0%	0%	0%	207
AZ	64%	31%	4%	0%	1%	1%	167
AR	69%	23%	5%	0%	0%	4%	276
CO	71%	19%	2%	0%	0%	8%	309
CT	73%	20%	2%	0%	2%	3%	182
DE	67%	10%	0%	0%	0%	23%	124
FL	78%	20%	2%	0%	0%	0%	326
GA	67%	24%	8%	0%	0%	0%	200
HI	75%	22%	3%	0%	0%	0%	77
IN	75%	22%	2%	0%	0%	1%	294
KS	66%	28%	3%	0%	2%	0%	251
KY	65%	19%	5%	0%	2%	9%	236
ME	71%	17%	3%	0%	0%	9%	207
MI	58%	31%	8%	1%	0%	2%	377
MN	0%	0%	0%	0%	100%	0%	-
MO	66%	26%	7%	0%	0%	1%	219
NE	69%	24%	6%	0%	2%	0%	196
NV	75%	20%	3%	0%	0%	2%	198
NH	68%	26%	6%	0%	0%	0%	233
NJ	66%	26%	6%	0%	1%	1%	234
NY	0%	0%	0%	0%	100%	0%	-
NC	66%	25%	5%	0%	1%	2%	322
OH	67%	18%	4%	0%	0%	10%	312
OK	62%	26%	11%	0%	0%	0%	242
OR	0%	0%	0%	0%	0%	100%	-
PA	60%	28%	9%	0%	1%	3%	344
RI	69%	21%	4%	0%	0%	6%	135
SC	72%	20%	6%	0%	1%	1%	186
SD	63%	27%	6%	0%	0%	3%	205
TN	52%	21%	3%	0%	2%	21%	233
TX	59%	25%	7%	0%	0%	9%	1,049
UT	64%	28%	5%	0%	1%	3%	236
VT	67%	29%	4%	0%	0%	0%	180
VA	61%	29%	7%	0%	1%	2%	459
WA	78%	16%	3%	0%	1%	1%	218
WI	61%	28%	9%	0%	0%	1%	366
WY	77%	18%	5%	0%	0%	1%	171
Expanded Weighted NCI Average	66%	24%	6%	0%	1%	4%	8,971

State data with at least 25% “don’t knows” and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

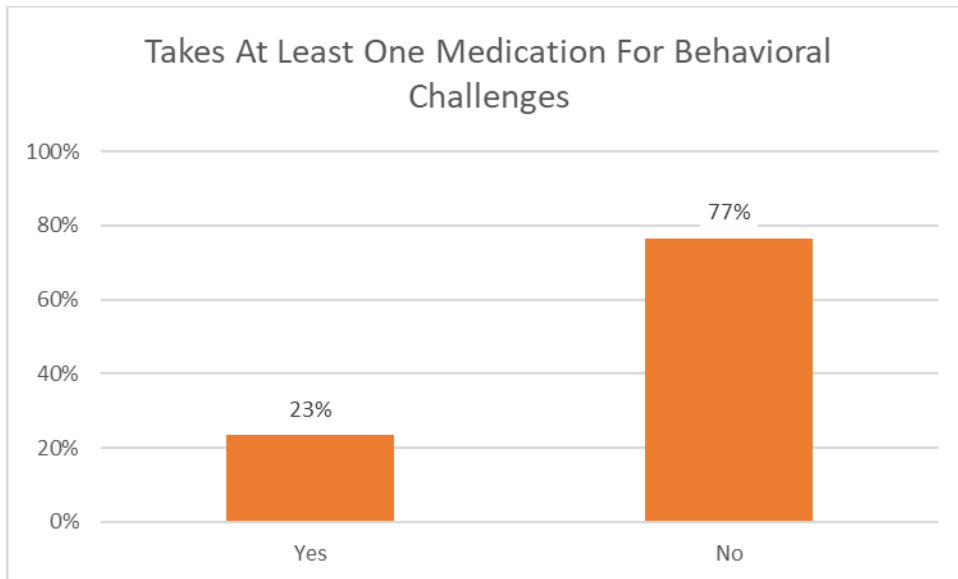


Table 4. Takes medication for behavior challenges (information may have been obtained through state records) ³**Significantly Above Weighted NCI Average**

State	Average Within State	N	ICF/ID. Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
UT	41%	351	55%	58%	19%	34%	27%
NE	41%	385	74%	47%	26%	30%	45%
KS	38%	396	n/a	43%	35%	29%	n/a
DE	35%	257	n/a	45%	18%	13%	n/a
OR	33%	364	n/a	57%	16%	19%	40%
AR	32%	482	n/a	38%	32%	27%	n/a
NC	32%	627	42%	38%	18%	25%	53%
CT	31%	371	27%	45%	23%	21%	n/a
VA	30%	777	n/a	38%	21%	23%	31%
WI*	29%	555	n/a	55%	20%	20%	n/a

Within Weighted NCI Average

State	Average Within State	N	ICF/ID. Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
AL	29%	375	n/a	39%	n/a	11%	n/a
TN	28%	362	n/a	23%	43%	17%	31%
NV	27%	388	n/a	37%	10%	9%	n/a
MI	27%	626	n/a	31%	22%	24%	19%
AZ	26%	405	n/a	51%	25%	19%	41%
NH	26%	393	n/a	38%	25%	18%	30%
RI	26%	269	n/a	50%	9%	5%	29%
VT	25%	341	n/a	42%	25%	14%	28%
TX	25%	2,130	34%	33%	7%	19%	22%
OK	24%	400	n/a	31%	16%	16%	n/a
CO	24%	593	n/a	29%	13%	22%	29%
Weighted NCI Average	23%	17,716	30%	35%	19%	16%	28%
SC	23%	475	n/a	42%	19%	7%	n/a
NJ	23%	498	n/a	34%	12%	19%	n/a
KY	22%	386	10%	27%	21%	18%	22%
MO	21%	397	n/a	28%	24%	13%	n/a
WY	21%	322	n/a	31%	14%	16%	n/a
WA	19%	420	n/a	28%	20%	16%	n/a

Significantly Below Weighted NCI Average

State	Average Within State	N	ICF/ID. Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
PA	19%	664	27%	29%	10%	15%	29%
SD	18%	318	n/a	25%	12%	6%	n/a
FL	17%	847	n/a	34%	10%	10%	n/a
IN	17%	710	n/a	n/a	21%	14%	n/a
GA	16%	468	n/a	31%	16%	8%	20%
HI	16%	350	n/a	30%	n/a	9%	23%
ME	15%	366	n/a	18%	13%	8%	20%
OH	14%	648	12%	16%	18%	11%	n/a

³ Data were not available in records for MN and NY

State data with at least 25% "don't knows" and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

Table 4B. Takes medication for behavior challenges (*includes missing and “don’t know” responses*; information may have been obtained through state records)

State	Takes medication	Does not take medication	Don't know	Missing	N
AL	29%	71%	1%	0%	378
AZ	26%	72%	1%	0%	413
AR	30%	64%	5%	1%	510
CO	20%	64%	9%	8%	712
CT	30%	65%	2%	3%	391
DE	26%	49%	19%	6%	342
FL	17%	81%	0%	2%	867
GA	16%	82%	0%	2%	479
HI	15%	81%	0%	3%	363
IN	16%	80%	4%	1%	742
KS	37%	60%	1%	2%	408
KY	19%	71%	8%	2%	429
ME	14%	78%	7%	1%	400
MI	25%	70%	4%	1%	658
MN	0%	0%	0%	100%	2,140
MO	21%	77%	1%	0%	403
NE	38%	54%	2%	6%	418
NV	25%	70%	4%	1%	408
NH	25%	73%	0%	2%	400
NJ	22%	75%	2%	1%	514
NY	0%	0%	99%	1%	448
NC	31%	66%	3%	1%	651
OH	12%	76%	8%	3%	732
OK	24%	76%	0%	0%	400
OR	28%	58%	13%	1%	421
PA	18%	75%	4%	3%	710
RI	19%	56%	12%	13%	358
SC	22%	73%	4%	1%	501
SD	16%	75%	7%	3%	351
TN	25%	64%	10%	1%	406
TX	22%	68%	10%	0%	2,388
UT	39%	55%	3%	2%	372
VT	25%	74%	1%	0%	346
VA	29%	67%	3%	1%	807
WA	18%	77%	3%	2%	441
WI	21%	51%	2%	26%	961
WY	20%	75%	6%	0%	341
Expanded Weighted NCI Average	19%	62%	11%	8%	22,009

State data with at least 25% “don’t knows” and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

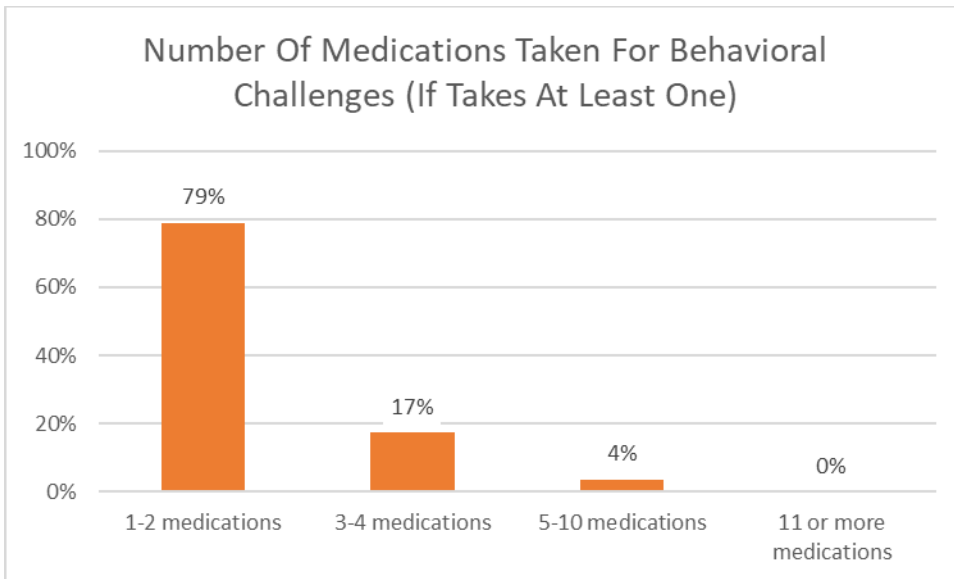


Table 5. Number of medications taken for behavior challenges if taking at least one for this purpose (information may have been obtained through state records)

State	1-2 medications	3-4 medications	5-10 medications	11 or more medications	N
AL	81%	15%	4%	0%	108
AZ	75%	22%	3%	0%	106
AR	71%	26%	3%	0%	148
CO*	88%	10%	2%	0%	127
CT	84%	15%	1%	0%	107
DE*	93%	7%	0%	0%	69
FL	82%	18%	0%	0%	145
GA	59%	30%	11%	0%	76
HI	84%	16%	0%	0%	55
IN	87%	12%	1%	0%	117
KS	81%	17%	3%	0%	144
KY*	82%	12%	6%	0%	78
ME*	88%	12%	0%	0%	51
MI	81%	17%	2%	0%	161
MO	75%	19%	6%	0%	83
NE	78%	19%	3%	0%	152
NV	89%	10%	1%	0%	100
NH	70%	26%	4%	0%	100
NJ	77%	18%	5%	0%	110
NC	78%	19%	3%	0%	192
OH*	85%	11%	4%	0%	73
OK	89%	11%	0%	0%	95
OR*	73%	17%	10%	0%	60
PA*	77%	18%	5%	0%	117
RI*	80%	18%	2%	0%	66
SC*	64%	30%	6%	0%	102
SD*	85%	11%	4%	0%	54
TN*	71%	23%	6%	0%	69
TX*	80%	17%	3%	0%	505
UT	70%	26%	4%	0%	137
VT	81%	12%	7%	0%	85
VA	76%	18%	6%	0%	227
WA	92%	8%	0%	0%	79
WI*	71%	22%	7%	0%	161
WY	81%	16%	3%	0%	67
Weighted NCI Average	79%	17%	4%	0%	4,126

State data with at least 25% “don’t knows” and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

Table 5B. Number of medications taken for behavior challenges if taking at least one for this purpose (*includes missing and “don’t know” responses*; information may have been obtained through state records)

State	1-2 medications	3-4 medications	5-10 medications	11 or more medications	Missing	Don't know	N
AL	79%	14%	4%	0%	1%	2%	111
AZ	70%	20%	3%	0%	2%	6%	115
AR	58%	21%	3%	0%	2%	17%	182
CO	43%	5%	1%	0%	22%	29%	259
CT	66%	12%	1%	0%	13%	9%	136
DE	37%	3%	0%	0%	13%	48%	174
FL	71%	16%	0%	0%	10%	3%	167
GA	52%	26%	9%	0%	11%	1%	87
HI	68%	13%	0%	0%	18%	1%	68
IN	67%	9%	1%	0%	3%	20%	152
KS	71%	15%	2%	0%	9%	3%	163
KY	51%	7%	4%	0%	8%	30%	126
ME	50%	7%	0%	0%	6%	38%	90
MI	66%	14%	2%	0%	4%	15%	198
MN	0%	0%	0%	0%	100%	0%	2,140
MO	68%	18%	5%	0%	1%	8%	91
NE	61%	15%	3%	0%	17%	4%	192
NV	72%	8%	1%	0%	4%	15%	123
NH	65%	24%	4%	0%	6%	1%	108
NJ	65%	15%	4%	0%	6%	9%	130
NY	0%	0%	0%	0%	1%	99%	448
NC	67%	17%	2%	0%	3%	11%	223
OH	36%	5%	2%	0%	16%	43%	174
OK	89%	11%	0%	0%	0%	0%	95
OR	25%	6%	3%	0%	2%	64%	176
PA	51%	12%	3%	0%	13%	20%	175
RI	34%	8%	1%	0%	29%	29%	158
SC	48%	23%	4%	0%	6%	19%	136
SD	52%	7%	2%	0%	11%	28%	89
TN	34%	11%	3%	0%	4%	48%	145
TX	50%	11%	2%	0%	0%	38%	806
UT	58%	21%	4%	0%	7%	11%	166
VT	77%	11%	7%	0%	0%	6%	90
VA	65%	16%	5%	0%	4%	10%	264
WA	72%	6%	0%	0%	8%	14%	101
WI	31%	9%	3%	0%	53%	4%	569
WY	63%	13%	2%	0%	0%	22%	86
Expanded Weighted NCI Average	37%	8%	2%	0%	21%	32%	8,713

State data with at least 25% “don’t knows” and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

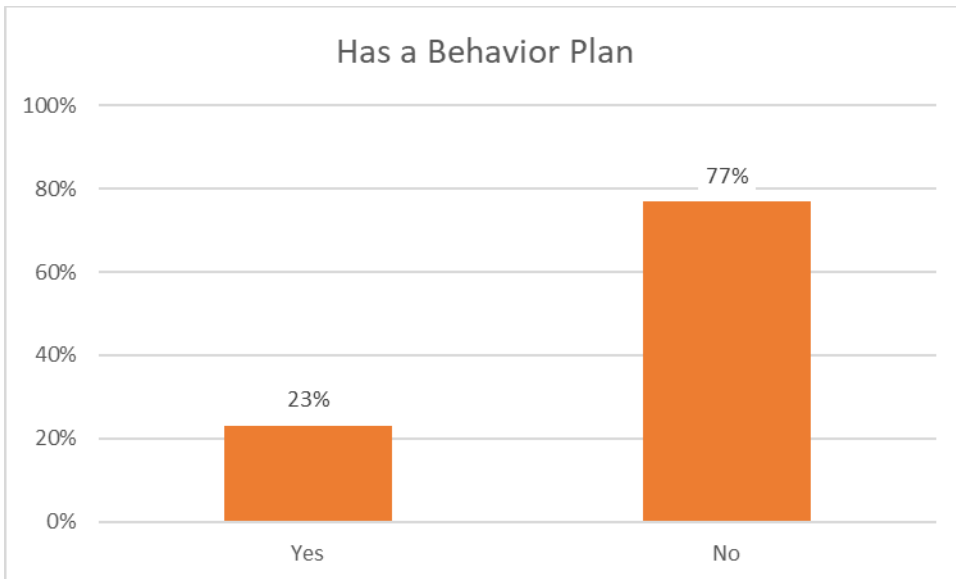


Table 6. Has a behavior plan (information may have been obtained through state records) ⁴**Significantly Above Weighted NCI Average**

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
KS	59%	394	n/a	66%	65%	35%	n/a
DE	50%	307	n/a	69%	14%	8%	55%
NE	48%	389	77%	52%	34%	37%	46%
AR	47%	478	n/a	60%	56%	31%	n/a
NV	46%	405	n/a	66%	25%	11%	n/a
CT	46%	380	81%	75%	26%	16%	n/a
IN	42%	740	n/a	n/a	66%	29%	n/a
UT	40%	369	48%	77%	26%	13%	38%
VT	39%	346	n/a	63%	40%	23%	45%
WY	36%	341	n/a	45%	32%	34%	n/a
RI	36%	305	n/a	68%	23%	10%	26%
OK	32%	400	n/a	47%	33%	7%	n/a
KY	32%	425	26%	49%	26%	15%	34%
CO	31%	622	n/a	60%	25%	11%	53%
PA	31%	678	48%	58%	16%	13%	34%
TX	30%	2,242	55%	46%	15%	17%	15%
SD	30%	342	n/a	40%	22%	11%	n/a

Within Weighted NCI Average

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
TN	26%	399	n/a	27%	43%	5%	16%
NC	23%	636	55%	34%	10%	11%	46%
Weighted NCI Average	23%	18,373	48%	40%	22%	10%	26%
OR	22%	405	n/a	45%	11%	8%	28%
MI	22%	648	n/a	36%	13%	10%	4%
WA	22%	386	n/a	34%	48%	1%	n/a
AL	22%	376	n/a	28%	n/a	7%	n/a
VA	20%	791	n/a	26%	19%	14%	22%
SC	20%	491	n/a	43%	15%		n/a

Significantly Below Weighted NCI Average

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
NH	17%	396	n/a	35%	9%	5%	25%
AZ	15%	407	n/a	57%	4%	3%	41%
HI	15%	361	n/a	16%	n/a	11%	25%
WI*	15%	569	n/a	39%	7%	6%	n/a
FL	15%	855	n/a	37%	7%	5%	n/a
NJ	9%	503	n/a	17%	3%	4%	n/a
GA	8%	475	n/a	22%	7%	2%	3%
ME	8%	397	n/a	17%	2%	2%	5%
MO	7%	396	n/a	9%	10%	3%	n/a
OH ⁵	6%	719	29%	7%	6%	3%	n/a

⁴ Data were not available in records for MN and NY⁵ OH has imbedded support strategies in the person centered plan in place of separate behavior plans

State data with at least 25% "don't knows" and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

Table 6B. Has a behavior plan (includes missing and “don’t know” responses; information may have been obtained through state records) ⁶

State	Has behavior plan	No behavior plan	Don't know	Missing	N
AL	21%	78%	0%	1%	378
AZ	15%	83%	1%	0%	413
AR	45%	49%	6%	0%	510
CO	27%	60%	4%	8%	712
CT	45%	52%	0%	3%	391
DE	45%	45%	6%	4%	342
FL	14%	84%	0%	1%	867
GA	8%	91%	0%	1%	479
HI	15%	84%	0%	1%	363
IN	42%	58%	0%	0%	742
KS	57%	39%	1%	2%	408
KY	32%	67%	0%	0%	429
ME	8%	92%	0%	0%	400
MI	22%	77%	1%	1%	658
MN	0%	0%	0%	100%	2,140
MO	7%	91%	2%	0%	403
NE	44%	49%	1%	6%	418
NV	46%	53%	1%	0%	408
NH	17%	83%	0%	1%	400
NJ	8%	89%	2%	1%	514
NY	0%	0%	99%	1%	448
NC	23%	75%	2%	0%	651
OH	6%	93%	1%	1%	732
OK	32%	68%	0%	0%	400
OR	21%	75%	4%	0%	421
PA	29%	66%	2%	2%	710
RI	30%	55%	3%	11%	358
SC	20%	78%	1%	1%	501
SD	29%	68%	1%	1%	351
TN	25%	73%	0%	1%	406
TX	29%	67%	4%	0%	2,388
UT	39%	60%	0%	1%	372
VT	39%	61%	0%	0%	346
VA	20%	78%	1%	0%	807
WA	19%	68%	12%	0%	441
WI	11%	63%	0%	26%	961
WY	36%	64%	0%	0%	341
Total	19%	65%	9%	7%	22,009

⁶ Data were not available in records for MN and NY

State data with at least 25% “don’t knows” and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C

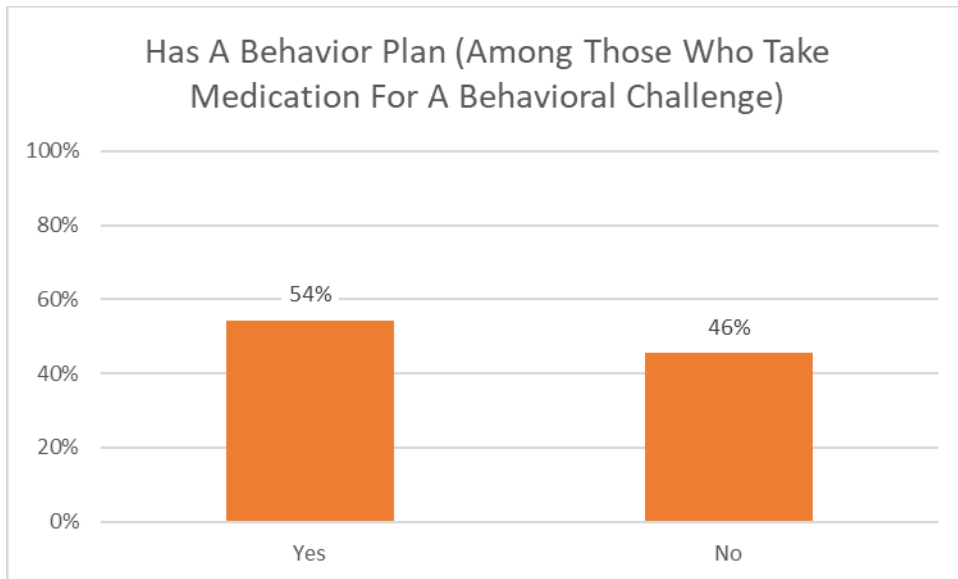


Table 7. Has a behavior plan (among those who take medication for a behavior challenge; information may have been obtained through state records)

Significantly Above Weighted NCI Average

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
DE	91%	88	n/a	97%	n/a	n/a	n/a
AR	89%	149	n/a	97%	92%	77%	n/a
CT	88%	115	n/a	100%	n/a	59%	n/a
NE	87%	158	91%	85%	85%	88%	n/a
KS	86%	148	n/a	95%	79%	69%	n/a
NV	82%	101	n/a	90%	n/a	n/a	n/a
RI	81%	69	n/a	94%	n/a	n/a	n/a
IN	76%	120	n/a	n/a	90%	64%	n/a
UT	68%	145	n/a	96%	n/a	30%	n/a

Within Weighted NCI Average

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
TX	66%	531	88%	72%	n/a	53%	41%
VT	66%	85	n/a	n/a	n/a	n/a	76%
SC	64%	108	n/a	79%	n/a	n/a	n/a
AL	64%	108	n/a	64%	n/a	n/a	n/a
PA	63%	126	n/a	85%	n/a	36%	n/a
KY	63%	83	n/a	78%	n/a	46%	n/a
SD	61%	54	n/a	58%	n/a	n/a	n/a
CO	57%	131	n/a	82%	n/a	35%	68%
OK	55%	95	n/a	68%	n/a	n/a	n/a
Weighted NCI Average	54%	4,332	89%	69%	53%	31%	50%
FL	54%	147	n/a	74%	n/a	18%	n/a
TN	54%	99	n/a	48%	73%	n/a	n/a
OR	54%	114	n/a	64%	n/a	26%	54%
HI	53%	55	n/a	n/a	n/a	n/a	50%
WA	52%	69	n/a	n/a	92%	8%	n/a
WY	51%	67	n/a	n/a	n/a	n/a	n/a
MI	50%	164	n/a	67%	33%	31%	n/a
NC	49%	196	94%	55%	n/a	27%	n/a
AZ	46%	103	n/a	88%	n/a	16%	n/a
NH	43%	101	n/a	n/a	n/a	19%	55%

Significantly Below Weighted NCI Average

State	Average Within State	N	ICF/IID, Nursing Facility and Other Institutional Settings	Community-based Group Residential Settings	Own Home or Apartment	Parent's or Relative's Home	Foster Care or Host Home
VA	41%	228	n/a	45%	n/a	32%	n/a
GA	39%	76	n/a	50%	n/a	25%	n/a
WI	36%	160	n/a	60%	21%	16%	n/a
MO	29%	84	n/a	n/a	32%	n/a	n/a
OH	28%	90	n/a	n/a	32%	23%	n/a
NJ	24%	111	n/a	39%	n/a	10%	n/a
ME	11%	54	n/a	n/a	n/a	n/a	n/a

State data with at least 25% "don't knows" and missing data are denoted with an asterisk (*)

See all un-collapsed state data showing responses for all possible response options in Appendix C