



CFSR Round 4 Statewide Data Indicators Workbook

Issued April 2024

This workbook provides detailed, state-by-state performance on the Child and Family Services Reviews (CFSR) Round 4 statewide data indicators and comparisons to National Performance for the most recent 12-month reporting period included in the February 2024 data profiles.

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Summary—CFSR Round 4 Statewide Data Indicators

All analyses are based on Adoption and Foster Care Analysis and Reporting System (AFCARS) and National Child Abuse and Neglect Data System (NCANDS) submissions as of February 20, 2024.

National Performance

Indicator	National Performance
Maltreatment in foster care	9.07 victimizations*
Recurrence of maltreatment	9.7%
Permanency in 12 months for children entering foster care	35.2%
Permanency in 12 months for children in care 12–23 months	43.8%
Permanency in 12 months for children in care 24 months or more	37.3%
Reentry to foster care in 12 months	5.6%
Placement stability	4.48 moves**

* per 100,000 days in care

** per 1,000 days in care

Data Periods Used to Set National Performance

Indicator	Data Periods Used*
Maltreatment in foster care	19A, 19B, FY19, FY20
Recurrence of maltreatment	FY19, FY20
Permanency in 12 months for children entering foster care	19B, 20A, 20B, 21A, 21B
Permanency in 12 months for children in care 12–23 months	21A, 21B
Permanency in 12 months for children in care 24 months or more	21A, 21B
Reentry to foster care in 12 months	20A, 20B, 21A, 21B
Placement stability	21A, 21B

* FY periods (e.g., FY19) refer to NCANDS data. All others refer to AFCARS data.

* NCANDS data are submitted for Federal Fiscal Years, October 1 through September 30.

* “A” refers to the 6-month report period October 1 through March 31. Two-digit year refers to the calendar year in which the period ends.

* “B” refers to the 6-month reporting period April 1 through September 30. Two-digit year refers to the calendar year in which the period ends.

Data Quality

Indicator	States excluded from National Performance*	States excluded from most recent Data Indicators Performance*
Maltreatment in foster care	No states	No states
Recurrence of maltreatment	NC, PR	ME, VT
Permanency in 12 months for children entering foster care	MD	AR, HI, IL, MI, MN, NC, PA, PR, SC, TX, VA, WV
Permanency in 12 months for children in care 12–23 months	No states	AR, HI, IL, MI, MN, PA, PR, SC, TX, VA, WV

Indicator	States excluded from National Performance*	States excluded from most recent Data Indicators Performance*
Permanency in 12 months for children in care 24 months or more	No states	AR, HI, IL, MI, MN, PA, PR, SC, TX, VA, WV
Reentry to foster care in 12 months	MD	AR, HI, IL, MI, MN, PA, PR, SC, TX, VA, WV
Placement stability	AZ, CO	AR, HI, IL, MI, PA, PR, SC, TX, VA, WV

* States are excluded due to incomplete data or exceeding data quality limits.

Resources

Glossary	
National Performance	<p>National performance is how the nation as a whole performed on a given data indicator. The national performance was calculated and fixed prior to the start of the CFSR Round 4 using data states submitted, covering 10/01/2018 through 09/30/2021. Data periods used to calculate performance differ by indicator. The national performance is used as a reference point to determine if a state performed statistically better, worse, or no different from the nation after taking into account some of the factors over which states have little control.</p> <p>For example, the national performance for permanency in 12 months for children entering foster care is 35.2%. This means that for all children in the nation who entered foster care during the fixed 12-month period, 35.2% of those children achieved permanency within 12 months of entering foster care.</p>
Observed Performance	<p>Observed performance describes how a state performed on a given indicator, without any adjustments.</p> <p>For example, in State A, 1,200 children entered foster care in a 12-month period, and of those children, 405 achieved permanency within 12 months of entering foster care. State A's observed performance is 33.8% (405 divided by 1,200 = 33.8%). The CFSR Statewide Data Indicator Series and Data Dictionary provide information on how each indicator is calculated.</p>
Risk-Standardized Performance (RSP)	<p>RSP is used to assess state performance on the CFSR statewide data indicators compared to national performance. RSP accounts for some of the factors that influence performance on the indicators over which states have little control. One example is the ages of children in care; children of different ages have different likelihoods of experiencing an outcome (e.g., achieving permanency), regardless of the quality of care a state provides. Accounting for such factors allows for a fairer comparison of each state's performance relative to the national performance.</p>

Risk-Standardized Performance (RSP) Interval	<p>To determine whether a state’s performance is statistically better, worse, or no different from national performance, we calculate a 95% confidence interval estimate for the state’s RSP. The interval accounts for the amount of uncertainty associated with the RSP value. In other words, we are 95% confident that the value of the RSP is between the lower and upper limit of the interval. The RSP interval is what we use to compare state performance to national performance. If the interval overlaps the national performance, the state’s performance is statistically no different from the national performance. If the interval is above or below national performance, it is statistically different from national performance. Whether higher or lower performance is desirable depends on the desired direction of performance for the indicator.</p>
Useful Links	
Capacity Building Center for States Resources for Statewide Data Indicator Series	https://capacity.childwelfare.gov/states/topics/cqi/cfsr-data-syntax-toolkit
Data Dictionary	https://www.cfsrportal.acf.hhs.gov/resources/round-4-resources/cfsr-round-4-statewide-data-indicators/cfsr-round-4-statewide-data
CFSR Round 4 Statewide Data Indicator Information on the CFSR Information Portal	https://www.cfsrportal.acf.hhs.gov/resources/round-4-resources/cfsr-round-4-statewide-data-indicators

Frequently Asked Questions	
When should RSP be used and when should observed performance be used?	<p>RSP should only be used to compare a state’s performance to national performance. It also allows a better way to compare across state performance. It helps identify areas of strengths and improvement needs on the CFSR safety and permanency data indicators relative to national performance.</p> <p>A state’s observed performance is used to determine how the state performs based on its actual child population, to identify how the state performs on an indicator over time, and how performance on one indicator (e.g., permanency in 12 months) relates to another indicator (e.g., reentry to foster care). Observed performance data also helps identify areas of strength and improvement needs on the CFSR safety and permanency data indicators, and is what’s used to produce supplemental context data to help understand state performance information included in CFSR data profiles.</p>
Can I compare my state’s RSP to my state’s observed performance?	<p>A state’s RSP cannot be compared to its observed performance. RSP takes into account some of the factors over which a state has little control and calculates performance relative to national performance. RSP has no meaning relative to the state’s observed performance.</p> <p>In our example, State A has an observed performance of 33.8%. State A has an unusually large proportion of younger children in foster care, so we account for that along with other factors when making adjustments to calculate the state’s RSP of 42.2%. When State A’s RSP interval of 41.1% to 42.9% is compared to national performance of 35.2%, State A performed better than the nation.</p> <p>On the other hand, let’s say that State A has an unusually large proportion of older children in care instead. Its observed performance is still 33.8%. However, we expect more children who enter foster care in 12 months in State A to achieve permanency than if State A’s case mix had more younger children. As a result, State A’s performance is adjusted to calculate an RSP of 30.1% and an RSP interval of 28.9% to 30.7%. When that interval is compared to national performance of 35.2%, State A performed worse than the nation.</p> <p>In both scenarios, the observed performance for State A was the same. The RSP changed depending on the proportion of older or younger children in State A’s foster care population.</p>

Frequently Asked Questions

Can I compare my state's observed performance to the national performance?

A state's observed performance should not be compared to national performance. The observed performance does not take into account some of the factors over which states have little control. The goal of RSP is to provide states with a fairer way of comparing performance to national performance.

For example, State A's observed performance of 33.8% does not account for the high proportion of younger children in its population, so comparing it to national performance of 35.2% would not be a fair comparison. Comparing the two would make it appear State A's performance is worse than it is, based on State A having a different case mix than the nation.

Visualization of State-by-State Risk-Standardized Performance

Statewide Data Indicators

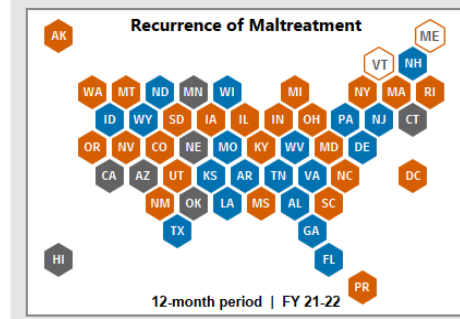
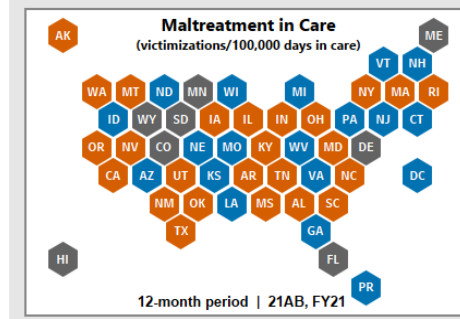
State-by-State Performance

Risk-Standardized Performance Visualization

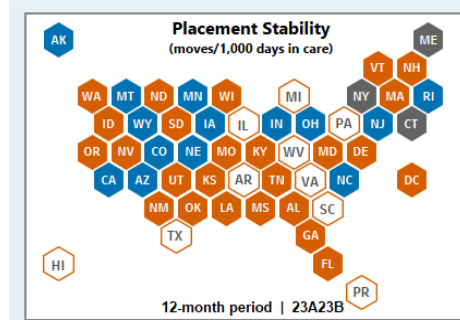
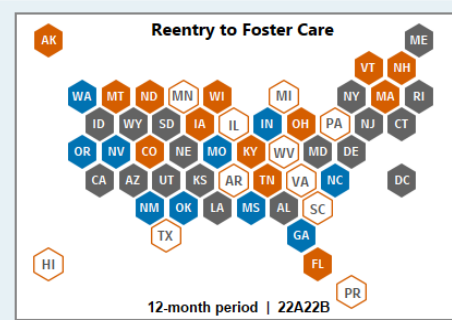
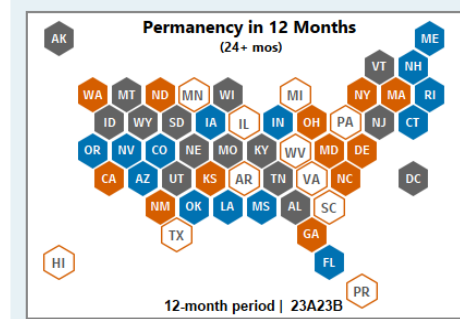
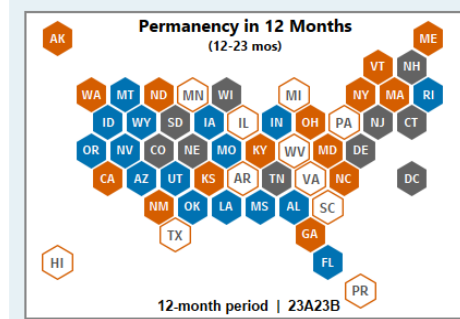
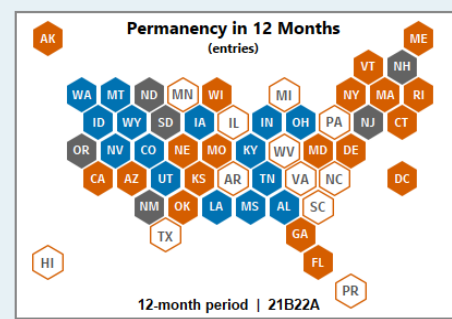
Risk-Standardized Performance (RSP) is the percent or rate of children experiencing the outcome of interest, with risk adjustment.

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Safety Outcomes



Permanency Outcomes



Performance Key

- State's performance (using RSP interval) is statistically better than national performance.
- State's performance (using RSP interval) is statistically no different than national performance.
- State's performance (using RSP interval) is statistically worse than national performance.
- DQ: Performance was not calculated due to the state exceeding the data quality limit on one or more data quality (DQ) checks done for the indicator, or missing AFCARS and/or NCANDS submission(s).

State-by-State Performance on Statewide Data Indicators

Maltreatment in foster care

Description: Measured as the rate of abuse or neglect per days in foster care in a 12-month period that children experienced while under the state's placement and care responsibility

12-month period: 21A21B, FY 2021

Data used: 21A21B, FY 2021–2022

*=Observed Performance (OP)

†=Risk-Standardized Performance (RSP)

‡=RSP Relative to National Performance (NP‡)

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
AK	1,026,372	116	11.30	12.35	14.81	17.74	9.07	Worse
AL	1,979,764	174	8.79	10.01	11.61	13.46	9.07	Worse
AR	1,608,602	141	8.77	9.90	11.67	13.75	9.07	Worse
AZ	4,883,536	197	4.03	4.73	5.43	6.24	9.07	Better
CA	16,396,535	1,357	8.28	10.47	11.04	11.64	9.07	Worse
CO	1,480,661	112	7.56	8.41	10.11	12.15	9.07	No different
CT	1,202,223	54	4.49	4.78	6.19	8.03	9.07	Better
DC	189,346	4	2.11	1.99	3.99	8.03	9.07	Better
DE	155,366	7	4.51	3.50	6.46	11.95	9.07	No different
FL	8,204,270	569	6.94	8.69	9.43	10.24	9.07	No different
GA	3,983,496	101	2.54	2.83	3.43	4.15	9.07	Better
HI	515,536	40	7.76	7.54	10.21	13.82	9.07	No different
IA	1,532,533	496	32.36	39.01	42.61	46.53	9.07	Worse
ID	548,823	20	3.64	3.44	5.16	7.73	9.07	Better
IL	7,055,962	1,225	17.36	22.06	23.33	24.67	9.07	Worse
IN	5,023,242	392	7.80	9.51	10.49	11.58	9.07	Worse
KS	2,565,221	133	5.18	5.70	6.74	7.98	9.07	Better
KY	3,073,622	425	13.83	16.35	17.98	19.78	9.07	Worse
LA	1,235,876	24	1.94	2.04	2.95	4.26	9.07	Better
MA	3,360,162	847	25.21	30.55	32.68	34.96	9.07	Worse
MD	1,277,015	178	13.94	15.78	18.27	21.16	9.07	Worse

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/No Different From National Performance‡
ME	759,321	58	7.64	8.03	10.35	13.33	9.07	No different
MI	3,516,291	197	5.60	6.65	7.64	8.77	9.07	Better
MN	2,566,546	169	6.58	7.47	8.67	10.07	9.07	No different
MO	4,635,174	234	5.05	5.91	6.71	7.63	9.07	Better
MS	1,192,671	166	13.92	15.74	18.32	21.32	9.07	Worse
MT	1,183,362	117	9.89	10.95	13.11	15.70	9.07	Worse
NC	3,776,057	371	9.83	11.49	12.72	14.08	9.07	Worse
ND	539,344	9	1.67	1.67	2.84	4.84	9.07	Better
NE	1,228,413	65	5.29	5.57	7.06	8.96	9.07	Better
NH	393,813	7	1.78	1.74	3.11	5.54	9.07	Better
NJ	1,244,327	26	2.09	2.21	3.15	4.50	9.07	Better
NM	706,827	73	10.33	10.61	13.31	16.71	9.07	Worse
NV	1,543,632	145	9.39	10.78	12.68	14.90	9.07	Worse
NY	5,427,256	1,158	21.34	26.64	28.22	29.89	9.07	Worse
OH	5,353,122	515	9.62	11.70	12.75	13.90	9.07	Worse
OK	2,843,549	292	10.27	12.58	14.10	15.81	9.07	Worse
OR	2,009,225	394	19.61	23.27	25.69	28.35	9.07	Worse
PA	4,833,658	54	1.12	1.23	1.59	2.05	9.07	Better
PR	723,097	11	1.52	1.48	2.42	3.95	9.07	Better
RI	712,834	106	14.87	16.07	19.43	23.49	9.07	Worse
SC	1,442,396	169	11.72	12.88	14.97	17.39	9.07	Worse
SD	593,375	38	6.40	6.21	8.46	11.52	9.07	No different
TN	3,132,211	255	8.14	9.36	10.58	11.96	9.07	Worse
TX	10,739,023	1,474	13.73	17.51	18.42	19.39	9.07	Worse
UT	759,084	105	13.83	14.89	18.01	21.80	9.07	Worse
VA	1,574,129	52	3.30	3.41	4.43	5.76	9.07	Better
VT	380,250	10	2.63	2.40	4.07	6.88	9.07	Better
WA	3,045,687	248	8.14	9.78	11.07	12.53	9.07	Worse
WI	2,526,296	89	3.52	3.89	4.77	5.84	9.07	Better
WV	2,609,026	50	1.92	2.06	2.69	3.51	9.07	Better
WY	293,947	27	9.19	8.06	11.62	16.75	9.07	No different

Recurrence of maltreatment

Description: Measured as the percent of children who were the subject of a substantiated or indicated report of maltreatment in a 12-month period and who experienced subsequent maltreatment within 12 months of the initial victimization

12-month period: FY 2021–2022

Data used: FY 2021–2022

*=Observed Performance (OP)

†=Risk-Standardized Performance (RSP)

‡=RSP Relative to National Performance (NP)

DQ=Excluded due to data quality

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
AK	2,778	364	13.1%	15.8%	17.3%	19.1%	9.7%	Worse
AL	11,995	623	5.2%	6.4%	6.9%	7.5%	9.7%	Better
AR	9,405	578	6.1%	7.7%	8.3%	9.0%	9.7%	Better
AZ	12,188	832	6.8%	8.5%	9.1%	9.7%	9.7%	No different
CA	55,974	3,970	7.1%	9.2%	9.5%	9.8%	9.7%	No different
CO	11,011	1,151	10.5%	13.0%	13.8%	14.5%	9.7%	Worse
CT	5,486	418	7.6%	9.3%	10.2%	11.1%	9.7%	No different
DC	1,652	239	14.5%	16.7%	18.8%	21.1%	9.7%	Worse
DE	1,081	35	3.2%	3.5%	4.7%	6.3%	9.7%	Better
FL	27,100	1,731	6.4%	8.1%	8.4%	8.8%	9.7%	Better
GA	9,657	329	3.4%	4.1%	4.5%	5.0%	9.7%	Better
HI	1,384	105	7.6%	8.4%	10.1%	12.0%	9.7%	No different
IA	11,241	1,812	16.1%	20.4%	21.2%	22.2%	9.7%	Worse
ID	2,295	114	5.0%	5.7%	6.8%	8.1%	9.7%	Better
IL	35,656	4,915	13.8%	17.6%	18.1%	18.6%	9.7%	Worse
IN	20,845	1,709	8.2%	10.5%	11.0%	11.5%	9.7%	Worse
KS	2,059	98	4.8%	5.3%	6.4%	7.7%	9.7%	Better
KY	15,081	1,487	9.9%	12.5%	13.1%	13.7%	9.7%	Worse
LA	6,802	366	5.4%	6.6%	7.3%	8.1%	9.7%	Better
MA	22,612	3,667	16.2%	21.1%	21.7%	22.4%	9.7%	Worse
MD	5,998	511	8.5%	10.6%	11.5%	12.4%	9.7%	Worse

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
ME	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MI	24,213	2,351	9.7%	12.3%	12.8%	13.3%	9.7%	Worse
MN	5,547	423	7.6%	9.2%	10.1%	11.0%	9.7%	No different
MO	4,437	129	2.9%	3.4%	4.0%	4.7%	9.7%	Better
MS	8,566	921	10.8%	13.5%	14.4%	15.3%	9.7%	Worse
MT	3,047	355	11.7%	13.8%	15.2%	16.8%	9.7%	Worse
NC	22,431	2,281	10.2%	12.9%	13.4%	13.9%	9.7%	Worse
ND	1,362	60	4.4%	4.7%	6.0%	7.6%	9.7%	Better
NE	2,168	147	6.8%	7.7%	8.9%	10.4%	9.7%	No different
NH	917	25	2.7%	2.9%	4.1%	5.7%	9.7%	Better
NJ	3,186	89	2.8%	3.2%	3.9%	4.8%	9.7%	Better
NM	5,790	822	14.2%	17.5%	18.6%	19.8%	9.7%	Worse
NV	5,859	487	8.3%	10.0%	10.9%	11.8%	9.7%	Worse
NY	57,261	10,039	17.5%	22.9%	23.3%	23.7%	9.7%	Worse
OH	24,140	2,457	10.2%	13.1%	13.6%	14.1%	9.7%	Worse
OK	13,647	1,058	7.8%	9.7%	10.2%	10.8%	9.7%	No different
OR	10,937	1,295	11.8%	15.0%	15.7%	16.6%	9.7%	Worse
PA	4,582	126	2.7%	3.3%	3.9%	4.6%	9.7%	Better
PR	4,948	422	8.5%	10.3%	11.3%	12.4%	9.7%	Worse
RI	2,548	250	9.8%	11.4%	12.9%	14.5%	9.7%	Worse
SC	15,223	1,487	9.8%	12.3%	12.9%	13.5%	9.7%	Worse
SD	1,460	142	9.7%	10.8%	12.6%	14.7%	9.7%	Worse
TN	7,629	201	2.6%	3.2%	3.7%	4.2%	9.7%	Better
TX	63,453	3,176	5.0%	6.4%	6.6%	6.8%	9.7%	Better
UT	9,170	938	10.2%	13.0%	13.8%	14.6%	9.7%	Worse
VA	4,806	190	4.0%	4.6%	5.3%	6.1%	9.7%	Better
VT	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
WA	3,500	308	8.8%	10.4%	11.6%	12.8%	9.7%	Worse
WI	4,205	174	4.1%	4.8%	5.5%	6.4%	9.7%	Better
WV	5,915	247	4.2%	5.0%	5.6%	6.4%	9.7%	Better
WY	914	36	3.9%	4.1%	5.6%	7.5%	9.7%	Better

Permanency in 12 months for children entering foster care

Description: Among children who entered foster care in a 12-month period, the percent who exited foster care to reunification, adoption, guardianship, or living with a relative within 12 months of their entry

12-month period: 21B22A

Data used: 21B-23B

*=Observed Performance (OP)

†=Risk-Standardized Performance (RSP)

‡=RSP Relative to National Performance (NP)

DQ=Excluded due to data quality

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
AK	1,185	338	28.5%	23.8%	26.1%	28.4%	35.2%	Worse
AL	3,270	1,419	43.4%	42.0%	43.7%	45.4%	35.2%	Better
AR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
AZ	6,677	2,188	32.8%	31.4%	32.5%	33.6%	35.2%	Worse
CA	20,346	6,292	30.9%	31.5%	32.1%	32.8%	35.2%	Worse
CO	2,624	1,373	52.3%	52.4%	54.4%	56.4%	35.2%	Better
CT	1,060	225	21.2%	20.7%	23.2%	25.9%	35.2%	Worse
DC	202	34	16.8%	15.6%	20.4%	26.2%	35.2%	Worse
DE	327	76	23.2%	21.4%	25.9%	30.9%	35.2%	Worse
FL	11,729	3,517	30.0%	29.7%	30.6%	31.4%	35.2%	Worse
GA	4,718	1,321	28.0%	27.7%	29.0%	30.3%	35.2%	Worse
HI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IA	2,750	1,065	38.7%	36.1%	37.8%	39.6%	35.2%	Better
ID	1,059	459	43.3%	41.4%	44.4%	47.5%	35.2%	Better
IL	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IN	6,716	3,171	47.2%	44.5%	45.7%	46.8%	35.2%	Better
KS	3,025	1,005	33.2%	30.3%	31.9%	33.5%	35.2%	Worse
KY	4,789	2,157	45.0%	41.7%	43.0%	44.3%	35.2%	Better
LA	2,190	897	41.0%	40.6%	42.7%	44.8%	35.2%	Better
MA	4,140	1,341	32.4%	31.3%	32.8%	34.2%	35.2%	Worse
MD	1,441	404	28.0%	27.7%	30.1%	32.6%	35.2%	Worse
ME	1,017	196	19.3%	17.3%	19.5%	22.0%	35.2%	Worse

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/No Different From National Performance‡
MI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MN	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MO	6,279	1,731	27.6%	25.6%	26.7%	27.8%	35.2%	Worse
MS	2,002	800	40.0%	38.3%	40.4%	42.6%	35.2%	Better
MT	1,513	689	45.5%	39.7%	41.9%	44.2%	35.2%	Better
NC	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
ND	780	298	38.2%	34.3%	37.5%	40.9%	35.2%	No different
NE	1,806	540	29.9%	27.4%	29.4%	31.5%	35.2%	Worse
NH	532	183	34.4%	31.3%	35.2%	39.3%	35.2%	No different
NJ	1,395	434	31.1%	31.9%	34.5%	37.2%	35.2%	No different
NM	692	213	30.8%	29.2%	32.6%	36.3%	35.2%	No different
NV	2,432	953	39.2%	37.5%	39.4%	41.4%	35.2%	Better
NY	5,456	1,653	30.3%	30.8%	32.0%	33.3%	35.2%	Worse
OH	8,819	3,586	40.7%	39.6%	40.6%	41.6%	35.2%	Better
OK	3,275	982	30.0%	28.9%	30.4%	32.0%	35.2%	Worse
OR	2,144	744	34.7%	33.8%	35.8%	37.9%	35.2%	No different
PA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
PR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
RI	760	233	30.7%	27.5%	30.6%	33.8%	35.2%	Worse
SC	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
SD	875	292	33.4%	29.8%	32.7%	35.8%	35.2%	No different
TN	5,271	2,132	40.4%	39.0%	40.3%	41.6%	35.2%	Better
TX	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
UT	1,384	599	43.3%	42.2%	44.9%	47.6%	35.2%	Better
VA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
VT	526	158	30.0%	25.6%	29.2%	33.0%	35.2%	Worse
WA	3,116	1,264	40.6%	41.9%	43.7%	45.5%	35.2%	Better
WI	3,320	1,063	32.0%	31.0%	32.6%	34.2%	35.2%	Worse
WV	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
WY	698	389	55.7%	48.8%	52.3%	55.6%	35.2%	Better

Permanency in 12 months for children in foster care 12 to 23 months

Description: Among children in foster care at the start of the 12-month period who had been in care for 12 to 23 months, the percent who exited to permanency in the subsequent 12 months

12-month period: 23A23B

Data used: 23A–23B

*=Observed Performance (OP)

†=Risk-Standardized Performance (RSP)

‡=RSP Relative to National Performance (NP)

DQ=Excluded due to data quality

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
AK	718	250	34.8%	31.6%	34.9%	38.3%	43.8%	Worse
AL	1,343	640	47.7%	45.0%	47.6%	50.2%	43.8%	Better
AR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
AZ	3,327	1,829	55.0%	52.6%	54.3%	55.9%	43.8%	Better
CA	10,289	4,312	41.9%	40.3%	41.3%	42.2%	43.8%	Worse
CO	822	392	47.7%	43.7%	46.9%	50.2%	43.8%	No different
CT	605	276	45.6%	41.1%	44.8%	48.6%	43.8%	No different
DC	134	60	44.8%	37.4%	44.8%	52.5%	43.8%	No different
DE	150	57	38.0%	33.5%	40.6%	48.1%	43.8%	No different
FL	6,246	2,932	46.9%	44.6%	45.8%	47.0%	43.8%	Better
GA	2,489	906	36.4%	34.6%	36.4%	38.3%	43.8%	Worse
HI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IA	1,162	798	68.7%	65.5%	68.2%	70.7%	43.8%	Better
ID	480	269	56.0%	50.8%	55.0%	59.2%	43.8%	Better
IL	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IN	2,953	1,556	52.7%	49.3%	51.0%	52.7%	43.8%	Better
KS	1,666	578	34.7%	33.5%	35.8%	38.1%	43.8%	Worse
KY	1,902	692	36.4%	34.9%	37.0%	39.2%	43.8%	Worse
LA	849	542	63.8%	56.6%	59.7%	62.6%	43.8%	Better
MA	2,169	653	30.1%	28.7%	30.6%	32.5%	43.8%	Worse
MD	772	263	34.1%	32.4%	35.7%	39.1%	43.8%	Worse
ME	651	244	37.5%	32.9%	36.3%	39.9%	43.8%	Worse

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
MI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MN	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MO	3,610	1,704	47.2%	45.7%	47.3%	48.9%	43.8%	Better
MS	897	445	49.6%	45.5%	48.6%	51.7%	43.8%	Better
MT	685	352	51.4%	45.6%	49.1%	52.6%	43.8%	Better
NC	2,618	966	36.9%	34.6%	36.3%	38.1%	43.8%	Worse
ND	353	101	28.6%	25.0%	29.2%	33.9%	43.8%	Worse
NE	1,059	458	43.2%	40.5%	43.4%	46.3%	43.8%	No different
NH	273	130	47.6%	42.2%	47.7%	53.4%	43.8%	No different
NJ	703	315	44.8%	39.8%	43.2%	46.7%	43.8%	No different
NM	379	139	36.7%	31.3%	35.7%	40.3%	43.8%	Worse
NV	1,074	593	55.2%	50.0%	52.8%	55.5%	43.8%	Better
NY	3,002	909	30.3%	28.5%	30.1%	31.7%	43.8%	Worse
OH	3,519	1,431	40.7%	39.3%	40.9%	42.5%	43.8%	Worse
OK	1,882	1,010	53.7%	48.7%	50.8%	52.9%	43.8%	Better
OR	1,210	590	48.8%	45.0%	47.7%	50.3%	43.8%	Better
PA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
PR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
RI	412	214	51.9%	47.9%	52.6%	57.2%	43.8%	Better
SC	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
SD	463	217	46.9%	41.3%	45.6%	49.8%	43.8%	No different
TN	2,269	950	41.9%	40.6%	42.6%	44.7%	43.8%	No different
TX	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
UT	483	310	64.2%	60.1%	64.4%	68.5%	43.8%	Better
VA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
VT	285	103	36.1%	32.1%	37.3%	42.8%	43.8%	Worse
WA	1,863	559	30.0%	26.9%	28.9%	30.9%	43.8%	Worse
WI	1,664	756	45.4%	42.3%	44.6%	46.9%	43.8%	No different
WV	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
WY	205	121	59.0%	52.0%	58.5%	64.7%	43.8%	Better

Permanency in 12 months for children in foster care 24 months or more

Description: Among children in foster care at the start of the 12-month period who had been in care 24 months or more, the percent who exited to permanency in the subsequent 12 months

12-month period: 23A23B

Data used: 23A–23B

*=Observed Performance (OP)

†=Risk-Standardized Performance (RSP)

‡=RSP Relative to National Performance (NP)

DQ=Excluded due to data quality

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
AK	928	359	38.7%	32.8%	35.4%	38.2%	37.3%	No different
AL	1,273	458	36.0%	34.1%	36.5%	39.0%	37.3%	No different
AR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
AZ	2,707	1,231	45.5%	41.6%	43.3%	45.0%	37.3%	Better
CA	13,940	4,570	32.8%	30.2%	30.9%	31.7%	37.3%	Worse
CO	712	341	47.9%	41.2%	44.4%	47.6%	37.3%	Better
CT	911	411	45.1%	39.0%	41.8%	44.5%	37.3%	Better
DC	125	34	27.2%	24.7%	31.3%	38.9%	37.3%	No different
DE	102	17	16.7%	19.2%	26.2%	34.8%	37.3%	Worse
FL	5,487	2,397	43.7%	37.9%	39.0%	40.1%	37.3%	Better
GA	3,790	1,379	36.4%	32.4%	33.7%	35.1%	37.3%	Worse
HI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IA	559	273	48.8%	47.7%	51.7%	55.7%	37.3%	Better
ID	301	110	36.5%	33.1%	38.0%	43.2%	37.3%	No different
IL	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IN	3,350	1,784	53.3%	46.5%	47.9%	49.4%	37.3%	Better
KS	2,309	777	33.7%	31.6%	33.3%	35.2%	37.3%	Worse
KY	2,522	974	38.6%	36.7%	38.4%	40.2%	37.3%	No different
LA	632	305	48.3%	41.6%	45.0%	48.3%	37.3%	Better
MA	3,473	988	28.4%	25.6%	27.0%	28.3%	37.3%	Worse
MD	1,427	487	34.1%	29.9%	32.0%	34.2%	37.3%	Worse

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
ME	678	337	49.7%	39.4%	42.4%	45.4%	37.3%	Better
MI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MN	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MO	3,408	1,308	38.4%	36.0%	37.5%	39.0%	37.3%	No different
MS	930	460	49.5%	43.7%	46.5%	49.3%	37.3%	Better
MT	950	383	40.3%	33.5%	36.1%	38.8%	37.3%	No different
NC	3,096	941	30.4%	26.9%	28.3%	29.8%	37.3%	Worse
ND	419	143	34.1%	27.3%	30.9%	34.8%	37.3%	Worse
NE	948	397	41.9%	36.4%	39.1%	41.9%	37.3%	No different
NH	279	124	44.4%	38.4%	43.6%	48.9%	37.3%	Better
NJ	994	395	39.7%	33.4%	36.0%	38.6%	37.3%	No different
NM	643	186	28.9%	24.1%	27.0%	30.2%	37.3%	Worse
NV	1,008	454	45.0%	38.0%	40.6%	43.2%	37.3%	Better
NY	6,091	1,944	31.9%	27.2%	28.2%	29.2%	37.3%	Worse
OH	3,712	1,061	28.6%	27.0%	28.3%	29.7%	37.3%	Worse
OK	2,078	1,070	51.5%	42.5%	44.2%	46.0%	37.3%	Better
OR	1,547	714	46.2%	41.1%	43.3%	45.4%	37.3%	Better
PA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
PR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
RI	489	206	42.1%	38.1%	42.1%	46.2%	37.3%	Better
SC	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
SD	429	149	34.7%	29.9%	33.8%	37.9%	37.3%	No different
TN	2,121	817	38.5%	35.3%	37.1%	39.0%	37.3%	No different
TX	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
UT	325	98	30.2%	31.4%	36.6%	42.2%	37.3%	No different
VA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
VT	278	106	38.1%	32.9%	37.8%	42.9%	37.3%	No different
WA	3,005	1,113	37.0%	30.7%	32.1%	33.6%	37.3%	Worse
WI	2,028	876	43.2%	36.0%	37.8%	39.6%	37.3%	No different
WV	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
WY	125	57	45.6%	33.0%	39.5%	46.1%	37.3%	No different

Reentry to foster care in 12 months

Description: Among children who discharged to permanency (excluding adoption) in a 12-month period, the percent who reentered care within 12 months of exit

12-month period: 22A22B

Data used: 22A–23B

*=Observed Performance (OP)

†=Risk-Standardized Performance (RSP)

‡=RSP Relative to National Performance (NP)

DQ=Excluded due to data quality

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
AK	700	56	8.0%	6.5%	8.3%	10.5%	5.6%	Worse
AL	2,158	120	5.6%	4.9%	5.9%	6.9%	5.6%	No different
AR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
AZ	4,712	211	4.5%	4.3%	4.9%	5.6%	5.6%	No different
CA	13,384	741	5.5%	5.6%	6.0%	6.4%	5.6%	No different
CO	2,000	196	9.8%	8.8%	10.0%	11.4%	5.6%	Worse
CT	775	32	4.1%	3.5%	4.7%	6.3%	5.6%	No different
DC	112	8	7.1%	3.9%	6.5%	10.6%	5.6%	No different
DE	141	11	7.8%	4.4%	7.0%	11.0%	5.6%	No different
FL	7,041	426	6.1%	6.0%	6.6%	7.2%	5.6%	Worse
GA	3,119	121	3.9%	3.6%	4.3%	5.0%	5.6%	Better
HI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IA	1,640	181	11.0%	10.0%	11.5%	13.2%	5.6%	Worse
ID	694	49	7.1%	5.6%	7.2%	9.3%	5.6%	No different
IL	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IN	5,583	226	4.0%	3.9%	4.4%	5.0%	5.6%	Better
KS	1,849	113	6.1%	5.6%	6.6%	7.9%	5.6%	No different
KY	3,313	239	7.2%	6.8%	7.6%	8.6%	5.6%	Worse
LA	1,708	104	6.1%	5.3%	6.4%	7.6%	5.6%	No different
MA	2,669	222	8.3%	7.9%	8.9%	10.1%	5.6%	Worse
MD	949	42	4.4%	3.7%	4.9%	6.4%	5.6%	No different
ME	471	24	5.1%	3.9%	5.5%	7.7%	5.6%	No different

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
MI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MN	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MO	4,219	144	3.4%	3.3%	3.8%	4.5%	5.6%	Better
MS	1,231	41	3.3%	2.9%	3.8%	5.0%	5.6%	Better
MT	1,283	93	7.2%	6.4%	7.7%	9.4%	5.6%	Worse
NC	2,612	67	2.6%	2.4%	3.0%	3.7%	5.6%	Better
ND	479	39	8.1%	6.1%	8.2%	10.9%	5.6%	Worse
NE	1,199	56	4.7%	4.1%	5.2%	6.6%	5.6%	No different
NH	339	28	8.3%	5.8%	8.0%	11.1%	5.6%	Worse
NJ	1,050	62	5.9%	5.0%	6.3%	7.8%	5.6%	No different
NM	643	17	2.6%	2.4%	3.4%	5.0%	5.6%	Better
NV	1,759	67	3.8%	3.4%	4.3%	5.3%	5.6%	Better
NY	3,875	228	5.9%	5.6%	6.3%	7.2%	5.6%	No different
OH	6,540	470	7.2%	7.0%	7.6%	8.3%	5.6%	Worse
OK	2,103	64	3.0%	2.8%	3.5%	4.4%	5.6%	Better
OR	1,745	39	2.2%	2.1%	2.8%	3.6%	5.6%	Better
PA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
PR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
RI	543	33	6.1%	4.7%	6.4%	8.7%	5.6%	No different
SC	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
SD	596	31	5.2%	4.1%	5.7%	7.7%	5.6%	No different
TN	3,303	242	7.3%	7.1%	8.0%	9.0%	5.6%	Worse
TX	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
UT	841	51	6.1%	5.0%	6.5%	8.3%	5.6%	No different
VA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
VT	349	38	10.9%	7.8%	10.5%	14.0%	5.6%	Worse
WA	2,935	118	4.0%	3.7%	4.3%	5.1%	5.6%	Better
WI	2,644	205	7.8%	7.2%	8.2%	9.4%	5.6%	Worse
WV	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
WY	575	38	6.6%	5.2%	6.9%	9.1%	5.6%	No different

Placement stability

Description: Among children who entered care in a 12-month period, the number of placement moves per day they experienced during that year

12-month period: 23A23B

Data used: 23A–23B

*=Observed Performance (OP)

†=Risk-Standardized Performance (RSP)

‡=RSP Relative to National Performance (NP)

DQ=Excluded due to data quality

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
AK	169,610	590	3.48	3.31	3.58	3.88	4.48	Better
AL	531,722	3,332	6.27	5.93	6.13	6.34	4.48	Worse
AR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
AZ	879,805	3,732	4.24	4.06	4.19	4.33	4.48	Better
CA	2,869,087	10,532	3.67	3.58	3.65	3.72	4.48	Better
CO	372,831	1,458	3.91	3.56	3.74	3.94	4.48	Better
CT	225,216	1,086	4.82	4.43	4.70	4.99	4.48	No different
DC	28,671	165	5.75	4.61	5.35	6.20	4.48	Worse
DE	52,736	322	6.11	4.92	5.48	6.10	4.48	Worse
FL	1,678,843	9,157	5.45	5.39	5.50	5.61	4.48	Worse
GA	766,630	3,796	4.95	4.65	4.80	4.95	4.48	Worse
HI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IA	452,138	1,836	4.06	3.60	3.77	3.94	4.48	Better
ID	147,355	934	6.34	5.55	5.91	6.30	4.48	Worse
IL	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
IN	869,688	3,300	3.79	3.69	3.81	3.95	4.48	Better
KS	440,907	3,500	7.94	6.89	7.12	7.36	4.48	Worse
KY	672,592	3,709	5.51	4.77	4.92	5.08	4.48	Worse
LA	474,408	3,486	7.35	7.13	7.37	7.62	4.48	Worse
MA	552,225	4,256	7.71	6.73	6.94	7.15	4.48	Worse
MD	190,173	1,000	5.26	4.65	4.95	5.26	4.48	Worse

State	Denominator*	Numerator*	OP*	Lower RSP Interval†	RSP†	Upper RSP Interval†	NP‡	Better/Worse/ No Different From National Performance‡
ME	175,917	773	4.39	4.28	4.59	4.92	4.48	No different
MI	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
MN	575,127	2,579	4.48	4.01	4.17	4.33	4.48	Better
MO	938,018	6,037	6.44	6.07	6.23	6.39	4.48	Worse
MS	309,359	2,016	6.52	5.99	6.26	6.54	4.48	Worse
MT	182,523	755	4.14	3.87	4.16	4.46	4.48	Better
NC	780,463	2,999	3.84	3.68	3.81	3.95	4.48	Better
ND	100,399	831	8.28	7.53	8.06	8.63	4.48	Worse
NE	276,969	993	3.59	3.21	3.41	3.63	4.48	Better
NH	102,557	804	7.84	6.81	7.29	7.81	4.48	Worse
NJ	240,186	836	3.48	3.31	3.54	3.79	4.48	Better
NM	137,456	1,131	8.23	7.46	7.91	8.39	4.48	Worse
NV	362,472	1,792	4.94	4.90	5.13	5.37	4.48	Worse
NY	902,662	4,175	4.63	4.25	4.38	4.51	4.48	No different
OH	1,384,726	4,378	3.16	2.93	3.02	3.11	4.48	Better
OK	560,083	2,738	4.89	5.05	5.24	5.44	4.48	Worse
OR	365,573	1,974	5.40	5.14	5.37	5.62	4.48	Worse
PA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
PR	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
RI	124,507	454	3.65	3.07	3.37	3.68	4.48	Better
SC	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
SD	130,288	964	7.40	6.74	7.18	7.65	4.48	Worse
TN	753,004	5,440	7.22	6.10	6.27	6.43	4.48	Worse
TX	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
UT	184,997	1,309	7.08	6.43	6.79	7.17	4.48	Worse
VA	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
VT	73,774	536	7.27	6.24	6.79	7.38	4.48	Worse
WA	353,283	2,001	5.66	5.86	6.12	6.39	4.48	Worse
WI	519,156	2,870	5.53	5.07	5.26	5.45	4.48	Worse
WV	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
WY	100,236	350	3.49	2.84	3.15	3.49	4.48	Better

Data Quality Elements

Calculating performance on statewide data indicators relies upon states submitting high-quality data. Data quality checks are performed prior to calculating state performance. See the Data Dictionary for a complete description of each check and what the values represent.

AFCARS Data Quality Checks

Data Quality Checks	Data Quality Limits for State Exclusion	Maltreatment in Foster Care	Permanency in 12 Months (all 3 indicators) & Reentry to Foster Care in 12 Months	Placement Stability
1. AFCARS IDs don't match from one period to next	>40%	✓	✓	✓
2. Date of birth after date of entry	>5%	✓	✓	✓
3. Date of birth after date of exit	>5%	✓	✓	✓
4. Dropped records	>10%	✓	✓	✓
5. Enters and exits care the same day	>5%	✓	✓	✓
6. Exit date is prior to removal date	>5%	✓	✓	✓
7. Missing date of birth	>5%	✓	✓	✓
8. Missing date of latest removal	>5%	✓	✓	✓
9. Missing discharge reason (exit date exists)	>10%		✓	
10. Missing number of placement settings	>5%			✓
11. Percentage of children on 1st removal	>95%	✓	✓	✓

NCANDS Data Quality Checks

Data Quality Checks	Data Quality Limits for State Exclusion	Maltreatment in Foster Care	Recurrence of Maltreatment
1. Child IDs for victims match across years	<1%		✓
2. Child IDs for victims match across years, but dates of birth/age and sex do not	>5%		✓
3. Missing age for victims	>5%	✓	✓
4. Some victims should have AFCARS IDs in Child File	<1%	✓	
5. Some victims with AFCARS IDs should match IDs in AFCARS files	>0	✓	

AFCARS Data Quality Checks, by Data Period

Values in red indicate data quality performance exceeds the data quality limit. A "DQ" in red identifies when the data quality check was not performed due to data quality issues, or missing AFCARS submission(s). Performance on the indicator was not calculated for states that exceeded one or more limits on data quality (DQ) checks done for the indicator, or had missing AFCARS submission(s). "[No data]" indicates there was no data quality check assessed for that data period because it relies on a subsequent period of data that is not yet available.

1. AFCARS IDs don't match from one period to next (Limit: >40%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	17.9%	18.4%	17.7%	18.3%	18.0%	18.1%	18.7%	18.5%	17.5%	[no data]
AL	23.8%	25.8%	22.2%	25.1%	24.5%	26.8%	24.5%	23.7%	21.2%	[no data]
AR	26.5%	25.5%	25.6%	23.1%	21.2%	22.5%	22.7%	25.5%	32.5%	[no data]
AZ	25.1%	28.4%	23.8%	24.0%	24.8%	25.6%	24.5%	25.4%	24.4%	[no data]
CA	21.0%	21.0%	20.5%	17.6%	20.1%	20.6%	20.2%	19.9%	20.5%	[no data]
CO	27.6%	26.8%	28.2%	26.2%	30.1%	29.7%	28.7%	30.3%	28.4%	[no data]
CT	18.1%	19.8%	20.4%	13.0%	18.1%	21.9%	20.5%	21.6%	21.2%	[no data]
DC	17.1%	20.5%	18.0%	16.3%	20.5%	19.2%	20.3%	18.2%	13.8%	[no data]
DE	27.5%	25.1%	28.2%	28.3%	25.6%	26.7%	21.3%	21.3%	20.0%	[no data]
FL	22.8%	22.6%	22.5%	21.6%	20.4%	21.4%	20.1%	22.4%	20.1%	[no data]
GA	20.5%	21.5%	21.0%	19.5%	19.0%	20.0%	18.3%	19.1%	17.3%	[no data]
HI	24.6%	26.4%	25.6%	24.0%	26.8%	29.5%	27.5%	26.3%	30.6%	[no data]
IA	26.4%	24.9%	28.9%	28.2%	31.2%	26.6%	27.4%	25.4%	25.2%	[no data]
ID	28.0%	28.4%	34.5%	29.3%	27.7%	29.8%	29.1%	23.7%	26.1%	[no data]
IL	11.7%	11.5%	10.5%	10.0%	11.8%	12.3%	11.8%	16.4%	11.9%	[no data]
IN	23.8%	24.4%	23.7%	22.2%	23.1%	24.4%	24.8%	25.1%	24.9%	[no data]
KS	19.7%	20.2%	19.8%	18.5%	17.2%	17.8%	18.7%	18.4%	16.3%	[no data]
KY	25.6%	24.2%	22.4%	21.5%	21.4%	23.0%	23.3%	24.0%	21.9%	[no data]
LA	28.2%	28.9%	26.9%	26.2%	27.3%	27.6%	26.4%	27.3%	25.4%	[no data]
MA	20.9%	22.5%	21.9%	17.4%	18.0%	18.5%	17.7%	19.2%	14.2%	[no data]
MD	20.2%	25.3%	29.0%	10.4%	15.6%	17.2%	16.4%	19.2%	15.5%	[no data]
ME	17.2%	17.4%	17.1%	14.5%	19.7%	17.3%	21.4%	16.0%	15.6%	[no data]
MI	20.3%	20.2%	20.6%	18.1%	20.1%	19.4%	18.1%	17.5%	16.4%	[no data]
MN	25.3%	27.2%	24.5%	23.8%	26.2%	25.3%	26.7%	27.1%	26.7%	[no data]
MO	20.7%	21.5%	20.2%	19.8%	19.4%	20.0%	20.3%	21.7%	19.7%	[no data]
MS	26.9%	29.6%	27.5%	25.0%	27.2%	21.4%	20.7%	23.3%	24.6%	[no data]
MT	21.6%	22.6%	23.1%	22.0%	22.3%	21.9%	22.5%	29.0%	22.6%	[no data]
NC	19.4%	20.7%	19.0%	18.8%	19.6%	27.7%	19.3%	18.3%	19.0%	[no data]

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
ND	22.3%	23.9%	20.5%	20.5%	22.3%	21.7%	20.5%	27.2%	22.2%	[no data]
NE	21.9%	22.8%	20.1%	18.6%	17.9%	16.6%	18.2%	20.0%	18.2%	[no data]
NH	22.9%	25.8%	22.0%	20.7%	20.3%	21.3%	20.1%	21.5%	21.0%	[no data]
NJ	25.1%	27.2%	24.2%	19.0%	22.9%	21.1%	22.7%	23.3%	20.9%	[no data]
NM	23.3%	25.4%	23.1%	23.7%	22.9%	24.4%	21.5%	26.3%	20.9%	[no data]
NV	24.5%	25.7%	23.4%	25.3%	22.4%	26.0%	23.9%	26.8%	22.6%	[no data]
NY	19.9%	19.0%	18.1%	12.6%	17.1%	18.0%	17.5%	20.5%	16.5%	[no data]
OH	24.3%	24.0%	23.1%	22.6%	24.0%	24.1%	21.6%	23.0%	20.8%	[no data]
OK	23.2%	21.1%	21.8%	19.3%	19.2%	22.0%	21.3%	22.8%	20.7%	[no data]
OR	19.6%	21.7%	21.9%	21.2%	22.3%	21.5%	21.4%	21.5%	21.2%	[no data]
PA	22.0%	22.8%	21.6%	19.2%	21.3%	22.1%	20.4%	28.3%	42.0%	[no data]
PR	15.9%	15.3%	15.7%	8.6%	9.1%	18.7%	11.9%	22.4%	14.4%	[no data]
RI	17.2%	15.1%	19.0%	15.1%	20.8%	21.1%	21.2%	21.8%	19.4%	[no data]
SC	28.6%	27.5%	30.8%	24.1%	24.0%	25.1%	25.2%	29.4%	26.1%	[no data]
SD	22.8%	22.1%	25.3%	23.1%	21.4%	23.9%	21.3%	23.9%	21.8%	[no data]
TN	25.0%	21.3%	23.0%	22.9%	20.5%	23.1%	21.5%	20.9%	20.4%	[no data]
TX	23.8%	23.4%	23.3%	21.8%	21.1%	23.8%	26.6%	34.9%	28.1%	[no data]
UT	28.6%	28.0%	26.4%	22.6%	26.7%	28.4%	24.2%	27.6%	26.1%	[no data]
VA	17.3%	19.1%	18.9%	19.3%	19.4%	20.9%	19.2%	20.0%	20.5%	[no data]
VT	21.7%	22.5%	24.0%	19.2%	20.6%	20.9%	20.5%	21.1%	21.2%	[no data]
WA	19.2%	20.3%	23.3%	20.0%	20.4%	20.3%	20.3%	19.8%	19.8%	[no data]
WI	20.7%	22.0%	22.4%	20.4%	19.9%	20.8%	19.0%	23.9%	20.7%	[no data]
WV	23.0%	24.4%	22.0%	22.6%	23.4%	25.0%	24.7%	61.7%	26.0%	[no data]
WY	31.5%	32.6%	33.6%	33.3%	29.8%	30.9%	27.5%	33.9%	29.6%	[no data]

2. Date of birth after date of entry (Limit: >5%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AZ	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CA	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
CO	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
GA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
LA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NJ	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NM	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%
PR	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%
RI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SC	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TX	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
VT	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.2%	0.1%	0.2%	0.1%
WA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WV	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%
WY	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

3. Date of birth after date of exit (Limit: >5%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AZ	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
GA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	DQ	DQ
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
LA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MD	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
ME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
MS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MT	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NJ	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NM	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	DQ
PR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TX	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

4. Dropped records (Limit: >10%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	0.3%	0.4%	0.4%	0.2%	0.3%	1.5%	2.3%	[no data]
AL	0.7%	0.2%	0.5%	0.2%	0.7%	1.2%	1.5%	1.1%	0.1%	[no data]
AR	0.2%	0.3%	0.2%	0.5%	0.3%	0.9%	0.0%	0.5%	9.1%	[no data]
AZ	0.4%	3.0%	0.3%	0.4%	3.4%	5.2%	0.8%	0.5%	0.0%	[no data]
CA	0.9%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	0.9%	0.8%	[no data]
CO	0.7%	0.7%	0.9%	1.1%	0.6%	1.4%	1.3%	4.3%	6.3%	[no data]
CT	2.5%	2.0%	2.2%	1.7%	1.4%	1.5%	1.8%	2.8%	2.4%	[no data]
DC	0.2%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	1.0%	0.0%	[no data]
DE	1.1%	2.8%	1.8%	2.4%	3.3%	1.5%	2.6%	1.5%	0.4%	[no data]
FL	0.5%	0.4%	0.3%	0.2%	0.2%	0.2%	0.2%	1.1%	0.0%	[no data]
GA	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.8%	[no data]
HI	0.8%	0.9%	0.4%	0.6%	0.8%	0.8%	0.6%	1.2%	30.6%	[no data]
IA	2.2%	2.0%	3.1%	1.8%	1.6%	1.8%	2.0%	1.5%	0.0%	[no data]
ID	0.1%	0.0%	5.0%	2.5%	2.8%	3.1%	1.5%	1.0%	0.5%	[no data]
IL	0.9%	0.8%	0.0%	0.1%	0.0%	0.1%	0.1%	3.1%	0.6%	[no data]
IN	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.4%	0.0%	[no data]
KS	0.5%	1.0%	0.7%	0.7%	0.3%	0.3%	0.3%	0.6%	0.1%	[no data]
KY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	[no data]
LA	0.9%	0.0%	0.2%	0.1%	0.1%	0.2%	0.2%	0.8%	0.0%	[no data]
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	[no data]
MD	0.9%	7.2%	10.2%	5.9%	0.1%	0.1%	0.2%	0.8%	0.0%	[no data]
ME	0.2%	0.2%	0.2%	0.1%	0.0%	0.6%	4.1%	1.7%	0.1%	[no data]
MI	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	[no data]
MN	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.1%	0.3%	0.1%	[no data]
MO	0.6%	0.6%	0.3%	0.4%	0.6%	1.3%	0.6%	1.9%	0.5%	[no data]
MS	2.6%	3.7%	3.3%	3.0%	3.6%	0.2%	0.1%	2.5%	0.0%	[no data]
MT	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	2.1%	0.5%	[no data]
NC	2.7%	3.1%	3.3%	2.8%	3.0%	11.7%	2.0%	3.1%	2.6%	[no data]
ND	0.0%	0.0%	1.2%	0.0%	0.2%	0.2%	0.2%	4.9%	4.0%	[no data]
NE	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.6%	0.0%	[no data]
NH	0.3%	0.2%	1.2%	1.6%	1.7%	1.5%	0.7%	1.3%	0.1%	[no data]
NJ	0.3%	0.2%	0.5%	0.4%	0.3%	0.3%	0.1%	0.4%	0.2%	[no data]
NM	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	2.7%	[no data]
NV	0.0%	0.1%	0.1%	0.2%	0.1%	0.1%	0.1%	0.5%	0.0%	[no data]
NY	1.2%	0.0%	2.1%	0.1%	0.1%	0.0%	0.1%	3.2%	0.0%	[no data]
OH	0.3%	0.3%	0.4%	0.3%	0.3%	0.3%	0.2%	0.9%	0.4%	[no data]
OK	0.1%	0.1%	0.1%	0.1%	0.0%	0.4%	0.0%	0.9%	0.2%	[no data]

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.0%	0.0%	0.1%	0.0%	0.3%	0.6%	0.2%	2.3%	1.0%	[no data]
PA	0.4%	0.2%	0.2%	0.2%	0.4%	0.7%	0.4%	5.3%	20.8%	[no data]
PR	1.3%	2.2%	1.6%	1.0%	0.3%	1.9%	1.1%	6.5%	1.5%	[no data]
RI	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	2.9%	0.1%	[no data]
SC	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.6%	0.1%	[no data]
SD	0.4%	0.3%	0.5%	0.4%	0.3%	0.4%	0.5%	0.2%	0.4%	[no data]
TN	4.8%	0.9%	0.4%	0.0%	0.1%	0.3%	0.1%	0.2%	0.1%	[no data]
TX	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	8.8%	0.1%	[no data]
UT	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.3%	0.8%	[no data]
VA	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	2.5%	3.2%	[no data]
VT	0.7%	1.1%	0.3%	0.6%	0.5%	1.0%	1.2%	0.7%	1.5%	[no data]
WA	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	0.1%	[no data]
WI	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	1.8%	0.4%	[no data]
WV	0.6%	0.6%	0.1%	0.1%	0.1%	0.0%	0.1%	36.3%	0.5%	[no data]
WY	0.3%	0.4%	0.2%	0.4%	0.8%	0.2%	0.7%	1.1%	1.1%	[no data]

5. Enters and exits care the same day (Limit: >5%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.1%	0.0%	0.3%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%
AL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
AR	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AZ	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
GA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%
HI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	DQ	DQ
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IL	0.0%	0.2%	0.2%	0.2%	0.0%	0.2%	0.1%	0.3%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KY	0.6%	0.7%	0.7%	0.4%	0.3%	0.3%	0.1%	0.4%	0.0%	0.0%
LA	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MD	0.4%	0.5%	1.1%	1.8%	2.0%	1.6%	1.8%	1.1%	0.0%	0.0%
ME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.5%	0.0%	0.0%
MI	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
MS	0.0%	0.1%	0.2%	0.0%	0.2%	0.0%	0.4%	0.0%	0.0%	0.0%
MT	0.1%	0.2%	0.2%	0.3%	0.0%	0.1%	0.4%	0.4%	0.0%	0.0%
NC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ND	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NJ	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
NM	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	2.3%
NV	0.3%	0.1%	0.3%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%
NY	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
OH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OK	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	DQ
PR	1.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RI	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TX	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UT	0.4%	0.2%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
VA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
WV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%
WY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

6. Exit date is prior to removal date (Limit: >5%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AZ	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
GA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	DQ	DQ
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IL	0.0%	0.2%	0.3%	0.6%	0.4%	0.3%	0.2%	0.3%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
KY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
LA	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MD	0.1%	0.1%	0.0%	0.4%	0.1%	0.3%	0.2%	0.4%	0.0%	0.0%
ME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
MO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%
MS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NE	0.1%	0.1%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%
NH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NJ	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NM	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NY	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%
OH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	DQ
PR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RI	0.0%	0.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TX	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
UT	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VA	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.1%	0.0%	0.0%
VT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

7. Missing date of birth (Limit: >5%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AZ	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
CA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
GA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
LA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ND	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NJ	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NM	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TX	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

8. Missing date of latest removal (Limit: >5%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AZ	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CT	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
GA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
HI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%
IL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
LA	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
ME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.1%	0.0%	0.0%
MI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MS	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%	0.4%	0.2%	0.0%	0.0%
MT	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
NC	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
ND	0.6%	0.6%	1.8%	0.7%	0.8%	0.8%	0.6%	0.4%	0.0%	0.0%
NE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NH	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
NJ	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.0%	0.0%
NM	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
NV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OH	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
PR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RI	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
SC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TX	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
VA	0.2%	0.2%	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
VT	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

9. Missing discharge reason (exit date exists) (Limit: >10%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	2.0%	3.6%	3.0%	0.9%	1.9%	1.5%	0.0%	0.0%
AL	0.1%	0.0%	0.2%	0.2%	0.0%	0.2%	0.1%	0.2%	0.0%	0.0%
AR	0.0%	0.0%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
AZ	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	0.3%	0.0%	0.0%	0.0%
CA	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	0.2%	0.1%	0.2%
CO	5.0%	5.3%	5.7%	6.7%	5.0%	5.4%	3.5%	6.6%	0.0%	0.0%
CT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.7%	0.8%	1.6%	0.9%	1.0%	1.0%	0.8%	0.8%	0.0%	0.0%
GA	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.1%
HI	1.8%	0.5%	0.0%	0.8%	1.1%	1.2%	1.1%	0.0%	DQ	DQ
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.0%	0.0%	5.8%	4.6%	3.6%	4.2%	1.9%	0.0%	0.0%
IL	0.0%	0.0%	0.0%	4.7%	2.3%	2.1%	1.7%	2.2%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KY	0.0%	0.0%	0.0%	0.0%	0.6%	1.1%	0.9%	1.6%	0.0%	0.0%
LA	5.4%	3.2%	5.9%	5.7%	5.3%	4.8%	4.7%	4.2%	0.5%	0.2%
MA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MD	0.0%	0.0%	1.1%	0.4%	5.5%	3.7%	6.1%	5.5%	0.0%	0.0%
ME	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	8.0%	3.1%	0.0%	0.0%
MI	1.6%	1.5%	0.3%	0.6%	1.3%	1.5%	1.7%	0.9%	0.0%	0.4%
MN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.8%	14.7%
MO	0.2%	0.2%	0.2%	0.2%	0.2%	0.4%	0.1%	0.2%	1.4%	1.0%
MS	0.1%	0.2%	0.6%	0.6%	0.8%	0.9%	1.3%	0.4%	1.7%	1.5%
MT	3.6%	5.3%	3.9%	2.8%	2.2%	2.2%	1.8%	1.6%	0.0%	0.0%
NC	0.0%	0.2%	0.1%	0.1%	0.0%	0.5%	0.7%	0.1%	0.0%	0.2%
ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.2%	6.4%
NH	0.0%	0.4%	0.0%	1.6%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
NJ	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
NM	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
NV	0.1%	0.1%	0.0%	0.1%	0.2%	0.2%	0.0%	0.1%	0.0%	0.0%
NY	0.3%	0.2%	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%	0.0%	0.0%
OH	1.6%	1.8%	0.6%	1.2%	1.0%	1.3%	0.9%	1.9%	0.0%	0.0%
OK	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	3.5%	DQ
PR	0.2%	0.6%	0.0%	0.0%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%
RI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SD	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.2%
TX	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
UT	0.3%	0.0%	0.4%	0.1%	0.2%	0.1%	0.0%	1.0%	0.0%	0.0%
VA	0.0%	2.2%	1.7%	1.5%	0.5%	1.0%	1.5%	1.1%	0.0%	0.0%
VT	0.3%	0.0%	0.8%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%
WA	0.4%	0.5%	0.1%	0.2%	0.5%	0.2%	0.1%	0.3%	0.5%	0.4%
WI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WV	0.1%	0.3%	0.2%	0.2%	0.2%	0.1%	0.1%	0.2%	5.0%	14.7%
WY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

10. Missing number of placement settings (Limit: >5%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
AL	0.9%	0.6%	0.6%	0.4%	0.6%	0.7%	0.7%	0.7%	0.0%	0.0%
AR	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%
AZ	2.5%	2.8%	1.7%	2.0%	6.2%	3.0%	3.2%	1.3%	1.6%	1.5%
CA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CO	6.2%	6.0%	6.5%	6.4%	7.2%	6.5%	7.6%	6.7%	2.6%	3.2%
CT	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DC	0.1%	0.2%	0.1%	0.4%	0.1%	0.3%	0.0%	0.2%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
GA	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%
HI	2.1%	1.4%	0.5%	0.6%	1.0%	0.9%	1.4%	0.5%	1.2%	2.7%
IA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ID	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	3.1%	2.9%
IL	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%
IN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
KS	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
KY	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
LA	0.2%	0.0%	0.2%	0.0%	0.1%	0.1%	0.2%	0.3%	0.0%	0.0%
MA	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%
MD	0.8%	0.9%	1.3%	1.5%	1.6%	1.8%	1.8%	1.2%	0.0%	0.0%
ME	0.6%	0.9%	0.4%	0.3%	0.1%	0.4%	2.1%	0.7%	0.1%	0.1%
MI	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	0.0%
MN	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%
MO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.6%
MS	0.0%	0.4%	0.5%	0.4%	0.3%	0.4%	0.6%	0.3%	0.0%	0.0%
MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
NC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%
ND	0.6%	0.6%	0.7%	0.7%	0.9%	0.8%	0.6%	0.4%	0.0%	0.0%
NE	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%
NH	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%
NJ	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.0%	0.0%
NM	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
NV	0.7%	0.7%	0.9%	0.6%	1.0%	0.7%	0.6%	1.0%	0.2%	0.1%
NY	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
OH	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%
OK	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%
PA	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.4%	0.2%
PR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RI	0.0%	0.1%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
SC	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%
SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TN	0.2%	0.1%	0.2%	0.2%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%
TX	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UT	0.9%	1.3%	1.2%	1.0%	1.1%	1.5%	1.1%	1.1%	0.0%	0.0%
VA	8.8%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
VT	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
WA	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.2%	0.1%	0.0%	0.0%
WI	0.2%	0.2%	0.2%	0.3%	0.5%	0.4%	0.5%	0.5%	0.0%	0.0%
WV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.8%
WY	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	1.3%	1.2%

11. Percentage of children on 1st removal (Limit: >95%)

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
AK	83.6%	82.7%	83.0%	82.0%	81.5%	80.9%	79.9%	78.8%	77.7%	78.5%
AL	82.7%	82.6%	82.6%	82.7%	82.7%	82.4%	82.6%	83.3%	83.8%	84.2%
AR	82.1%	82.3%	82.7%	83.3%	83.6%	83.6%	84.6%	84.5%	84.3%	99.6%
AZ	77.7%	77.8%	78.8%	77.8%	78.1%	80.6%	80.7%	80.5%	80.8%	80.5%
CA	78.4%	78.6%	78.9%	79.0%	79.0%	79.1%	79.3%	79.1%	79.3%	78.8%
CO	71.4%	72.7%	73.1%	72.6%	73.1%	73.3%	72.6%	71.5%	71.4%	71.2%
CT	86.3%	85.7%	85.9%	85.8%	85.4%	84.8%	85.0%	85.1%	84.1%	84.9%
DC	80.4%	80.2%	80.6%	80.6%	79.1%	77.8%	78.7%	78.3%	79.9%	79.0%
DE	85.3%	85.3%	85.6%	85.5%	87.2%	86.8%	87.3%	89.1%	89.1%	89.7%
FL	80.0%	79.7%	79.9%	80.1%	80.4%	80.5%	80.7%	80.6%	80.2%	80.3%
GA	84.0%	83.9%	83.5%	83.3%	83.5%	83.8%	84.1%	84.1%	86.4%	86.2%
HI	79.2%	79.7%	77.5%	77.0%	78.6%	78.7%	77.3%	75.7%	87.0%	88.1%
IA	81.3%	80.8%	80.5%	80.6%	80.2%	79.2%	79.5%	79.7%	73.4%	73.5%
ID	82.5%	82.8%	82.5%	83.4%	84.8%	84.2%	83.8%	83.1%	83.3%	82.3%
IL	88.7%	88.9%	89.4%	89.5%	89.3%	89.0%	88.3%	87.8%	100.0%	99.6%
IN	80.8%	79.9%	79.6%	79.0%	78.7%	78.4%	78.4%	77.6%	77.4%	77.2%
KS	81.4%	81.3%	80.7%	80.9%	80.0%	80.0%	79.8%	79.8%	79.1%	78.8%
KY	75.3%	75.2%	75.2%	75.0%	75.1%	76.2%	76.0%	76.4%	76.2%	76.3%
LA	82.3%	80.6%	80.5%	80.4%	80.6%	82.7%	83.4%	83.6%	83.7%	84.1%
MA	73.9%	73.2%	73.6%	73.3%	74.3%	73.4%	73.2%	73.5%	73.3%	73.4%
MD	75.9%	75.8%	78.2%	77.9%	78.5%	79.1%	79.4%	80.4%	79.5%	79.4%
ME	84.9%	85.3%	84.8%	84.4%	85.0%	85.6%	85.0%	84.2%	84.3%	85.3%
MI	84.7%	84.5%	83.8%	83.5%	83.7%	83.6%	83.7%	83.8%	84.0%	97.3%
MN	71.5%	70.8%	70.5%	70.6%	70.0%	69.5%	69.2%	69.1%	68.5%	71.8%
MO	83.4%	83.0%	83.1%	83.1%	83.5%	83.5%	83.4%	83.5%	81.6%	81.8%
MS	84.3%	84.0%	83.5%	83.2%	83.1%	82.8%	81.5%	82.4%	82.9%	83.4%
MT	77.9%	77.4%	75.6%	73.9%	74.4%	74.3%	72.8%	71.9%	72.6%	72.1%
NC	87.4%	87.4%	87.6%	87.2%	87.0%	87.0%	88.0%	90.3%	85.9%	90.1%
ND	78.9%	77.2%	77.8%	76.9%	77.8%	79.4%	79.8%	79.0%	77.9%	78.4%
NE	80.1%	78.7%	78.1%	77.9%	78.2%	77.8%	78.8%	79.2%	79.4%	80.6%
NH	77.9%	78.2%	78.8%	79.3%	79.3%	78.9%	77.6%	79.8%	80.2%	78.5%
NJ	76.6%	76.0%	75.2%	75.3%	75.6%	76.9%	77.2%	76.3%	77.0%	77.7%
NM	77.6%	77.7%	78.0%	77.8%	78.0%	77.7%	77.5%	78.5%	77.0%	76.0%
NV	82.0%	82.8%	82.8%	83.1%	82.9%	83.2%	83.5%	83.6%	84.7%	84.1%
NY	78.9%	78.9%	78.6%	78.7%	79.2%	79.4%	79.6%	79.6%	79.1%	79.2%
OH	78.3%	78.2%	78.6%	78.1%	77.8%	77.6%	77.8%	77.8%	76.0%	75.7%
OK	87.2%	86.7%	86.5%	86.9%	87.4%	87.6%	87.7%	88.0%	87.7%	87.6%

State	2019A	2019B	2020A	2020B	2021A	2021B	2022A	2022B	2023A	2023B
OR	77.6%	77.3%	76.6%	76.4%	76.2%	76.4%	76.7%	76.8%	79.1%	79.9%
PA	79.5%	79.4%	79.4%	79.6%	79.9%	80.2%	79.5%	79.9%	79.6%	81.6%
PR	90.8%	91.5%	91.3%	91.1%	91.6%	92.2%	91.7%	91.5%	96.2%	96.5%
RI	79.2%	79.0%	79.0%	78.9%	80.0%	79.8%	80.0%	79.5%	78.6%	78.8%
SC	80.4%	80.1%	79.8%	78.6%	78.1%	78.1%	78.4%	78.7%	79.1%	99.0%
SD	72.7%	72.2%	72.2%	73.4%	74.2%	72.2%	72.5%	71.7%	74.0%	73.6%
TN	82.9%	83.2%	83.7%	83.8%	83.4%	82.0%	81.8%	82.2%	82.7%	83.1%
TX	87.6%	87.3%	86.5%	86.3%	86.1%	86.3%	86.3%	86.0%	96.6%	96.2%
UT	84.1%	84.0%	84.2%	83.3%	83.0%	82.1%	82.4%	82.8%	83.1%	81.3%
VA	89.1%	89.0%	88.9%	89.0%	89.1%	89.0%	89.1%	89.0%	99.4%	88.7%
VT	76.6%	75.3%	74.2%	73.4%	73.6%	73.6%	72.5%	71.8%	70.9%	76.2%
WA	82.4%	82.5%	82.6%	82.0%	81.5%	81.5%	81.2%	81.0%	80.9%	80.1%
WI	77.8%	78.1%	77.6%	77.7%	77.9%	78.4%	78.3%	79.0%	78.8%	78.6%
WV	85.1%	85.4%	85.2%	85.6%	85.7%	86.0%	85.1%	84.3%	99.5%	99.2%
WY	73.6%	72.3%	71.0%	71.5%	69.0%	69.5%	68.8%	69.3%	68.4%	67.9%

NCANDS Data Quality, by Data Period

Values in red indicate data quality performance exceeds the data quality limit. A "DQ" in red identifies when performance on the indicator was not calculated for states that exceeded one or more limits on the data quality (DQ) checks done for the indicator, or had missing AFCARS and/or NCANDS submission(s).

1. Child IDs for victims match across years (Limit: <1%)

State	FY 2019-20	FY 2020-21	FY 2021-22
AK	10.9%	9.6%	9.4%
AL	5.2%	4.6%	4.7%
AR	5.4%	4.9%	4.6%
AZ	2.7%	3.4%	3.7%
CA	5.2%	5.5%	5.4%
CO	6.9%	6.8%	7.2%
CT	5.7%	5.8%	5.9%
DC	10.1%	12.1%	9.4%
DE	1.7%	2.1%	2.4%
FL	5.3%	5.7%	5.1%
GA	2.4%	3.2%	3.1%
HI	5.3%	5.4%	3.2%
IA	10.6%	12.3%	11.2%
ID	3.0%	3.4%	3.9%
IL	10.1%	10.6%	9.8%
IN	7.8%	7.0%	6.6%
KS	3.1%	3.1%	1.9%
KY	7.7%	7.4%	6.3%
LA	4.4%	3.6%	4.5%
MA	13.3%	13.3%	13.2%
MD	6.7%	7.8%	10.3%
ME	11.6%	11.9%	0.9%
MI	8.8%	9.1%	8.7%
MN	5.8%	5.6%	5.2%
MO	2.5%	2.1%	2.1%
MS	7.6%	8.2%	8.4%
MT	10.8%	8.8%	9.9%
NC	8.6%	8.8%	8.2%
ND	8.0%	6.4%	4.4%
NE	5.9%	7.3%	5.0%
NH	3.9%	1.7%	3.8%
NJ	3.2%	2.4%	3.4%
NM	8.5%	9.2%	9.7%
NV	4.9%	6.0%	6.7%
NY	14.1%	14.5%	13.4%
OH	6.2%	7.3%	6.5%
OK	6.9%	5.9%	6.4%
OR	8.8%	9.0%	9.4%
PA	1.5%	1.5%	1.7%
PR	1.0%	2.2%	1.8%
RI	8.6%	7.8%	7.0%
SC	7.0%	7.6%	8.2%
SD	6.4%	7.8%	7.8%

State	FY 2019-20	FY 2020-21	FY 2021-22
TN	3.1%	2.5%	2.4%
TX	5.8%	5.9%	4.9%
UT	7.9%	8.6%	9.0%
VA	3.3%	2.5%	2.7%
VT	2.4%	3.4%	3.8%
WA	3.9%	4.0%	4.3%
WI	3.2%	3.3%	2.7%
WV	2.9%	2.6%	3.1%
WY	5.8%	5.9%	2.8%

2. Child IDs for victims match across years, but dates of birth/age and sex do not (Limit: >5%)

State	FY 2019-20	FY 2020-21	FY 2021-22
AK	0.3%	0.3%	1.2%
AL	0.3%	0.4%	0.4%
AR	0.0%	0.2%	0.0%
AZ	1.8%	0.9%	0.2%
CA	0.1%	0.3%	0.4%
CO	0.4%	0.5%	0.4%
CT	0.2%	0.5%	0.0%
DC	1.1%	0.0%	0.7%
DE	0.0%	0.0%	0.0%
FL	0.5%	0.6%	0.6%
GA	0.0%	1.1%	1.0%
HI	2.9%	1.4%	0.0%
IA	0.8%	0.8%	0.5%
ID	0.0%	0.0%	1.1%
IL	0.5%	0.2%	0.5%
IN	0.6%	0.6%	0.6%
KS	0.0%	0.0%	0.0%
KY	0.7%	0.5%	0.9%
LA	0.8%	0.4%	0.7%
MA	0.1%	0.2%	0.1%
MD	0.2%	0.4%	0.3%
ME	0.0%	0.0%	0.0%
MI	0.1%	0.0%	0.0%
MN	0.3%	0.0%	0.3%
MO	0.0%	0.0%	2.2%
MS	0.6%	0.8%	0.6%
MT	0.5%	0.0%	0.3%
NC	0.4%	0.5%	0.8%
ND	1.4%	2.0%	0.0%
NE	0.6%	0.6%	0.0%
NH	0.0%	0.0%	0.0%
NJ	0.0%	0.0%	0.0%
NM	0.1%	0.2%	0.2%
NV	0.0%	1.3%	0.0%
NY	0.3%	0.3%	0.3%
OH	0.6%	0.2%	0.3%
OK	1.1%	0.9%	1.9%
OR	0.1%	0.3%	0.5%

State	FY 2019-20	FY 2020-21	FY 2021-22
PA	0.0%	0.0%	2.5%
PR	2.2%	1.3%	1.1%
RI	0.4%	0.5%	1.7%
SC	0.7%	1.1%	1.0%
SD	1.0%	1.6%	0.0%
TN	0.0%	0.0%	0.0%
TX	1.9%	1.3%	1.9%
UT	0.2%	0.6%	0.4%
VA	0.0%	0.0%	0.0%
VT	0.0%	0.0%	6.7%
WA	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.9%
WV	0.0%	0.6%	0.0%
WY	1.6%	3.4%	0.0%

3. Missing age for victims (Limit: >5%)

State	FY 2019	FY 2020	FY 2021	FY 2022
AK	0.1%	0.2%	0.3%	0.2%
AL	0.1%	0.2%	0.2%	0.3%
AR	0.7%	0.7%	0.5%	0.4%
AZ	0.0%	0.0%	0.0%	0.0%
CA	0.0%	0.0%	0.0%	0.0%
CO	0.0%	0.1%	0.0%	0.0%
CT	0.2%	0.3%	0.2%	0.3%
DC	0.2%	0.0%	0.0%	0.0%
DE	0.0%	0.0%	0.0%	0.0%
FL	0.1%	0.1%	0.1%	0.1%
GA	0.0%	0.0%	0.0%	0.0%
HI	0.0%	0.2%	0.0%	0.2%
IA	0.0%	0.0%	0.1%	0.1%
ID	0.0%	0.1%	0.1%	0.1%
IL	0.0%	0.1%	0.0%	0.1%
IN	0.0%	0.0%	0.0%	0.0%
KS	0.1%	0.0%	0.0%	0.0%
KY	0.0%	0.0%	0.0%	0.0%
LA	0.0%	0.0%	0.0%	0.0%
MA	0.0%	0.1%	0.0%	0.0%
MD	0.3%	0.3%	0.5%	0.2%
ME	0.0%	0.0%	0.0%	0.0%
MI	0.1%	0.0%	0.0%	0.0%
MN	0.0%	0.0%	0.0%	0.0%
MO	0.0%	0.0%	0.0%	0.0%
MS	0.0%	0.0%	0.0%	0.0%
MT	1.1%	0.9%	0.5%	0.1%
NC	0.2%	0.2%	0.1%	0.1%
ND	0.4%	0.5%	0.1%	0.3%
NE	0.0%	0.1%	0.0%	0.0%
NH	0.0%	0.0%	0.0%	0.0%
NJ	0.1%	0.1%	0.1%	0.1%
NM	0.7%	1.1%	0.8%	0.9%
NV	0.0%	0.0%	0.0%	0.0%

State	FY 2019	FY 2020	FY 2021	FY 2022
NY	0.0%	0.0%	0.0%	0.0%
OH	0.2%	0.2%	0.2%	0.2%
OK	0.1%	0.1%	0.1%	0.3%
OR	0.1%	0.1%	0.1%	0.1%
PA	0.0%	0.0%	0.0%	0.0%
PR	0.1%	0.2%	0.0%	0.2%
RI	0.0%	0.0%	0.2%	0.2%
SC	0.0%	0.0%	0.0%	0.0%
SD	0.2%	0.1%	0.2%	0.3%
TN	0.8%	0.7%	0.6%	0.6%
TX	0.0%	0.0%	0.0%	0.0%
UT	0.0%	0.0%	0.0%	0.0%
VA	1.9%	1.7%	1.4%	2.3%
VT	0.0%	0.0%	0.0%	0.0%
WA	0.0%	0.0%	0.0%	0.0%
WI	0.0%	0.0%	0.0%	0.0%
WV	0.1%	0.0%	0.1%	0.0%
WY	0.1%	0.1%	0.1%	0.1%

4. Some victims have AFCARS IDs in Child File (Limit: <1%)

State	FY 2019	FY 2020	FY 2021	FY 2022
AK	100.0%	100.0%	100.0%	100.0%
AL	100.0%	100.0%	100.0%	100.0%
AR	100.0%	100.0%	100.0%	100.0%
AZ	100.0%	100.0%	100.0%	100.0%
CA	100.0%	100.0%	100.0%	100.0%
CO	99.8%	99.7%	100.0%	99.8%
CT	100.0%	100.0%	100.0%	100.0%
DC	100.0%	100.0%	100.0%	100.0%
DE	100.0%	100.0%	100.0%	100.0%
FL	100.0%	100.0%	100.0%	100.0%
GA	100.0%	100.0%	100.0%	100.0%
HI	100.0%	100.0%	100.0%	100.0%
IA	100.0%	100.0%	100.0%	100.0%
ID	100.0%	100.0%	99.9%	99.8%
IL	57.2%	57.0%	56.0%	56.1%
IN	100.0%	100.0%	100.0%	100.0%
KS	100.0%	100.0%	100.0%	100.0%
KY	100.0%	100.0%	100.0%	100.0%
LA	100.0%	100.0%	100.0%	100.0%
MA	100.0%	100.0%	100.0%	100.0%
MD	100.0%	100.0%	100.0%	100.0%
ME	100.0%	100.0%	100.0%	100.0%
MI	100.0%	100.0%	100.0%	100.0%
MN	100.0%	100.0%	100.0%	100.0%
MO	100.0%	100.0%	100.0%	100.0%
MS	100.0%	100.0%	100.0%	100.0%
MT	100.0%	100.0%	100.0%	100.0%
NC	100.0%	100.0%	100.0%	100.0%
ND	100.0%	100.0%	100.0%	100.0%
NE	100.0%	100.0%	100.0%	100.0%

State	FY 2019	FY 2020	FY 2021	FY 2022
NH	100.0%	100.0%	100.0%	100.0%
NJ	100.0%	100.0%	100.0%	100.0%
NM	100.0%	100.0%	100.0%	100.0%
NV	100.0%	100.0%	100.0%	100.0%
NY	99.7%	99.8%	99.8%	99.8%
OH	100.0%	100.0%	100.0%	100.0%
OK	100.0%	100.0%	100.0%	100.0%
OR	100.0%	100.0%	100.0%	100.0%
PA	63.4%	60.5%	60.0%	60.8%
PR	100.0%	100.0%	100.0%	100.0%
RI	100.0%	100.0%	100.0%	100.0%
SC	100.0%	100.0%	100.0%	100.0%
SD	100.0%	100.0%	100.0%	100.0%
TN	100.0%	100.0%	100.0%	100.0%
TX	100.0%	100.0%	100.0%	100.0%
UT	100.0%	100.0%	100.0%	100.0%
VA	100.0%	100.0%	100.0%	100.0%
VT	30.9%	27.6%	36.9%	33.9%
WA	100.0%	100.0%	100.0%	100.0%
WI	100.0%	100.0%	100.0%	100.0%
WV	100.0%	100.0%	100.0%	100.0%
WY	100.0%	100.0%	100.0%	100.0%

5. Some victims with AFCARS IDs should match IDs in AFCARS files (Limit: >0)

State	FY 2019	FY 2020	FY 2021	FY 2022
AK	Y	Y	Y	Y
AL	Y	Y	Y	Y
AR	Y	Y	Y	Y
AZ	Y	Y	Y	Y
CA	Y	Y	Y	Y
CO	Y	Y	Y	Y
CT	Y	Y	Y	Y
DC	Y	Y	Y	Y
DE	Y	Y	Y	Y
FL	Y	Y	Y	Y
GA	Y	Y	Y	Y
HI	Y	Y	Y	Y
IA	Y	Y	Y	Y
ID	Y	Y	Y	Y
IL	Y	Y	Y	Y
IN	Y	Y	Y	Y
KS	Y	Y	Y	Y
KY	Y	Y	Y	Y
LA	Y	Y	Y	Y
MA	Y	Y	Y	Y
MD	Y	Y	Y	Y
ME	Y	Y	Y	Y
MI	Y	Y	Y	Y
MN	Y	Y	Y	Y
MO	Y	Y	Y	Y
MS	Y	Y	Y	Y
MT	Y	Y	Y	Y

State	FY 2019	FY 2020	FY 2021	FY 2022
NC	Y	Y	Y	Y
ND	Y	Y	Y	Y
NE	Y	Y	Y	Y
NH	Y	Y	Y	Y
NJ	Y	Y	Y	Y
NM	Y	Y	Y	Y
NV	Y	Y	Y	Y
NY	Y	Y	Y	Y
OH	Y	Y	Y	Y
OK	Y	Y	Y	Y
OR	Y	Y	Y	Y
PA	Y	Y	Y	Y
PR	Y	Y	Y	Y
RI	Y	Y	Y	Y
SC	Y	Y	Y	Y
SD	Y	Y	Y	Y
TN	Y	Y	Y	Y
TX	Y	Y	Y	Y
UT	Y	Y	Y	Y
VA	Y	Y	Y	Y
VT	Y	Y	Y	Y
WA	Y	Y	Y	Y
WI	Y	Y	Y	Y
WV	Y	Y	Y	Y
WY	Y	Y	Y	Y