



West Virginia

Child and Family Services Review (CFSR 4) Data Profile
AFCARS and NCANDS submissions as of 7-11-24

August 2024

Risk-Standardized Performance Visualization

Risk-Standardized Performance (RSP) is the percent or rate of children experiencing the outcome of interest, with risk adjustment. The vertical bars in the line graph represent the lower RSP and upper RSP of the 95% RSP (confidence) interval, and national performance (NP) is the dotted black line.

Safety Outcomes

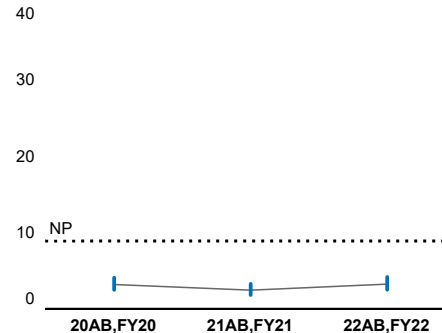
Maltreatment in Care (victimizations/100,000 days in care)

9.07
NP

3.48
RSP

Lower value is desired

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



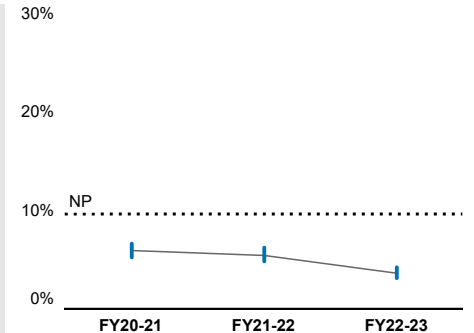
Recurrence of Maltreatment

9.7%
NP

3.8%
RSP

Lower value is desired

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



Permanency Outcomes

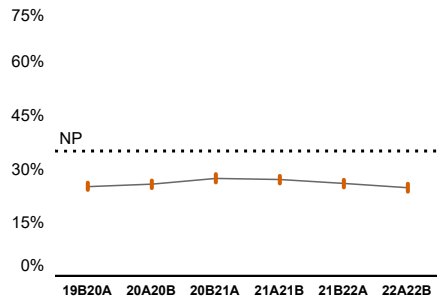
Permanency in 12 Months (entries)

35.2%
NP

25.2%
RSP

Higher value is desired

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



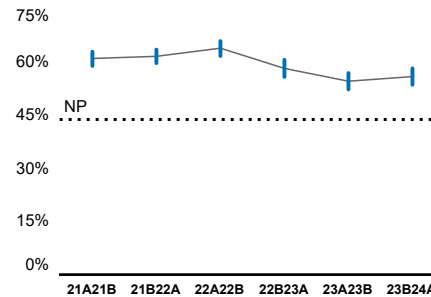
Permanency in 12 Months (12-23 mos)

43.8%
NP

56.2%
RSP

Higher value is desired

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



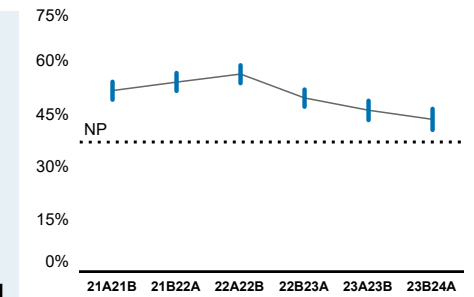
Permanency in 12 Months (24+ mos)

37.3%
NP

43.8%
RSP

Higher value is desired

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



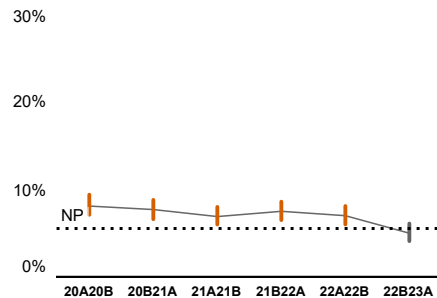
Reentry to Foster Care

5.6%
NP

5.2%
RSP

Lower value is desired

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



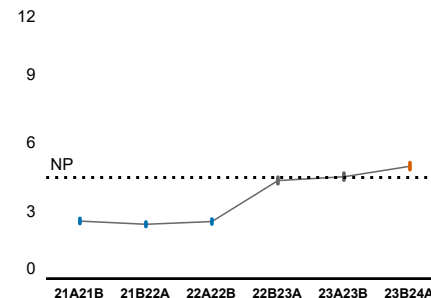
Placement Stability (moves/1,000 days in care)

4.48
NP

5.01
RSP

Lower value is desired

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



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 exceeding the data quality limit on one or more data quality (DQ) checks done for the indicator. See footnotes for more information.



Risk-Standardized Performance

Risk-Standardized Performance (RSP) is the percent or rate of children experiencing the outcome of interest, with risk adjustment. To see how your state is performing relative to the national performance (NP), compare the RSP interval to the NP for the indicator. See the footnotes for more information on interpreting performance.

		National Performance	19B20A	20A20B	20B21A	21A21B	21B22A	22A22B	22B23A	23A23B	23B24A
Permanency in 12 months (entries)	35.2% ▲	RSP	25.5%	26.2%	27.8%	27.5%	26.4%	25.2%			
		RSP interval	24.6%-26.6% ³	25.1%-27.2% ³	26.7%-29.0% ³	26.4%-28.5% ³	25.3%-27.4% ³	24.1%-26.3% ³			
		Data used	19B-21B	20A-22A	20B-22B	21A-23A	21B-23B	22A-24A			
Permanency in 12 months (12-23 mos)	43.8% ▲	RSP				61.3%	61.9%	64.2%	58.5%	54.9%	56.2%
		RSP interval				59.2%-63.2% ¹	60.0%-63.8% ¹	62.0%-66.2% ¹	56.1%-60.9% ¹	52.6%-57.2% ¹	53.9%-58.5% ¹
		Data used				21A-21B	21B-22A	22A-22B	22B-23A	23A-23B	23B-24A
Permanency in 12 months (24+ mos)	37.3% ▲	RSP				52.0%	54.4%	56.7%	49.9%	46.4%	43.8%
		RSP interval				49.4%-54.5% ¹	51.9%-57.0% ¹	54.1%-59.2% ¹	47.4%-52.3% ¹	43.6%-49.1% ¹	40.8%-46.8% ¹
		Data used				21A-21B	21B-22A	22A-22B	22B-23A	23A-23B	23B-24A
Reentry to foster care	5.6% ▼	RSP		8.3%	7.9%	7.1%	7.7%	7.2%	5.2%		
		RSP interval		7.3%-9.6% ³	6.8%-9.0% ³	6.2%-8.2% ³	6.7%-8.8% ³	6.2%-8.3% ³	4.3%-6.3% ²		
		Data used		20A-21B	20B-22A	21A-22B	21B-23A	22A-23B	22B-24A		
Placement stability (moves/1,000 days in care)	4.48 ▼	RSP				2.60	2.46	2.58	4.38	4.55	5.01
		RSP interval				2.49-2.72 ¹	2.36-2.56 ¹	2.47-2.69 ¹	4.24-4.53 ²	4.4-4.71 ²	4.86-5.17 ³
		Data used				21A-21B	21B-22A	22A-22B	22B-23A	23A-23B	23B-24A
Maltreatment in care (victimizations/100,000 days in care)	9.07 ▼	RSP	3.43	2.69	3.48						
		RSP interval	2.73-4.32 ¹	2.06-3.51 ¹	2.75-4.41 ¹						
		Data used	20A-20B, FY20-21	21A-21B, FY21-22	22A-22B, FY22-23						
Recurrence of maltreatment	9.7% ▼	RSP				6.1%	5.6%	3.8%			
		RSP interval				5.4%-6.8% ¹	5.0%-6.4% ¹	3.3%-4.4% ¹			
		Data used				FY20-21	FY21-22	FY22-23			

Performance Key

- ¹ State's performance (using RSP interval) is statistically better than national performance.
- ² State's performance (using RSP interval) is statistically no different than national performance.
- ³ State's performance (using RSP interval) is statistically worse than national performance.
- DQ** Performance was not calculated due to exceeding the data quality limit on one or more data quality (DQ) checks done for the indicator. See footnotes for more information.

▲ For this indicator, a higher RSP value is desirable. ▼ For this indicator, a lower RSP value is desirable.



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Footnotes

National Performance (NP) is the observed performance for the nation for an earlier point in time. See the Data Dictionary for more information, including the time periods used to calculate the national performance for each indicator.

Risk-Standardized Performance (RSP) is derived from a multi-level statistical model and reflects the state's performance relative to states with similar children and takes into account the number of children the state served, the age distribution of these children, and, for one indicator, the state's entry rate. It uses risk adjustment to minimize differences in outcomes due to factors over which the state has little control and provides a more fair comparison of state performance against the national performance.

Risk-Standardized Performance (RSP) interval is the state's 95% confidence interval estimate for the state's RSP. The values shown are the lower RSP and upper RSP of the interval estimate. The interval accounts for the amount of uncertainty associated with the RSP. For example, the Children's Bureau is 95% confident that the true value of the RSP is between the lower and upper limit of the interval. If the interval overlaps the national performance, the state's performance is statistically no different than the national performance. Otherwise, the state's performance is statistically higher or lower than the national performance. Whether higher or lower is desirable depends on the desired direction of performance for the indicator.

Data used refers to the initial 12-month period (see description for the denominator in the Data Dictionary) and the period(s) of data needed to follow the children to observe their outcome (see description for the numerator in the Data Dictionary). The FY (e.g., FY19), or federal fiscal year, refers to NCANDS data, which spans the 12-month period October 1 – September 30. All other periods refer to AFCARS data: 'A' refers to the 6-month period October 1 – March 31. 'B' refers to the 6-month period April 1 – September 30. The two-digit year refers to the calendar year in which the period ends (e.g., 19A refers to the 6-month period October 1, 2018 – March 31, 2019).

DQ identifies when 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). Exceeding a limit on a DQ check will result in performance not being calculated on the associated indicator(s) that require that data period. Exceeding the limit of a single DQ check can affect multiple indicators and reporting periods. See the data quality table for details.



Observed Performance

Observed performance is the percent or rate of children experiencing the outcome of interest, without risk adjustment. See the Data Dictionary for a complete description of the numerator and denominator for each statewide data indicator.

		19B20A	20A20B	20B21A	21A21B	21B22A	22A22B	22B23A	23A23B	23B24A
Permanency in 12 months (entries)	Denominator	5,047	4,573	4,084	4,546	4,493	4,104			
	Numerator	1,659	1,546	1,471	1,650	1,537	1,305			
	Observed performance	32.9%	33.8%	36.0%	36.3%	34.2%	31.8%			
Permanency in 12 months (12-23 mos)	Denominator				2,167	2,273	1,890	1,601	1,738	1,837
	Numerator				1,328	1,420	1,223	939	947	1,012
	Observed performance				61.3%	62.5%	64.7%	58.7%	54.5%	55.1%
Permanency in 12 months (24+ mos)	Denominator				1,171	1,190	1,235	1,298	1,104	997
	Numerator				636	670	716	668	514	420
	Observed performance				54.3%	56.3%	58.0%	51.5%	46.6%	42.1%
Reentry to foster care	Denominator		2,433	2,391	2,524	2,612	2,386	2,093		
	Numerator		188	174	165	186	158	97		
	Observed performance		7.7%	7.3%	6.5%	7.1%	6.6%	4.6%		
Placement stability (moves/1,000 days in care)	Denominator				732,501	807,353	739,990	730,244	679,213	700,579
	Numerator				1,994	2,111	2,073	3,549	3,494	3,908
	Observed performance				2.72	2.61	2.80	4.86	5.14	5.58
		20AB,FY20	21AB,FY21	22AB,FY22	FY20-21	FY21-22	FY22-23			
Maltreatment in care (victimizations/100,000 days in care)	Denominator	2,703,937	2,609,026	2,504,880						
	Numerator	68	50	64						
	Observed performance	2.51	1.92	2.56						
Recurrence of maltreatment	Denominator				5,922	5,915	5,451			
	Numerator				269	247	150			
	Observed performance				4.5%	4.2%	2.8%			

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). Exceeding a limit on a DQ check for an AFCARS and/or NCANDS submission(s) will result in performance not being calculated on the associated indicator(s) that require the affected submission(s) to calculate performance. A DQ flag will likely affect multiple measurement periods. See the data quality table for details.

Denominator: For Placement stability and Maltreatment in care = number of days in care. For all other indicators = number of children.

Numerator: For Placement stability = number of moves. For Maltreatment in care = number of victimizations. For all other indicators = number of children.

Percentage or rate: For Placement stability = moves per 1,000 days in care. For Maltreatment in care = victimizations per 100,000 days in care. For all other indicators = percentage of children experiencing the outcome.



Data Quality

Calculating performance on statewide data indicators relies upon states submitting high-quality data. Data quality checks are performed prior to calculating state performance. The values below represent performance on the data quality checks. If a value for a data period needed to calculate performance on an indicator is orange or "DQ", then state performance on that indicator is not calculated. See the Data Dictionary for a complete description of each check and what the values represent.

AFCARS Data Quality Checks

	Limit	MFC	Perm	PS	19B	20A	20B	21A	21B	22A	22B	23A	23B	24A
AFCARS IDs don't match from one period to next	> 40%	●	●	●	24.4%	22.0%	22.6%	23.4%	25.0%	24.7%	26.7%	24.6%	25.9%	
Date of birth after date of entry	> 5%	●	●	●	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Date of birth after date of exit	> 5%	●	●	●	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dropped records	> 10%	●	●	●	0.6%	0.1%	0.1%	0.1%	0.0%	0.1%	2.4%	3.8%	3.2%	
Enters and exits care the same day	> 5%	●	●	●	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Exit date is prior to removal date	> 5%	●	●	●	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing date of birth	> 5%	●	●	●	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing date of latest removal	> 5%	●	●	●	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing discharge reason (exit date exists)	> 10%		●		0.3%	0.2%	0.2%	0.2%	0.1%	0.1%	0.2%	0.2%	0.3%	0.5%
Missing number of placement settings	> 5%			●	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.6%
Percentage of children on 1st removal	> 95%	●	●	●	85.4%	85.2%	85.6%	85.7%	86.0%	85.1%	84.3%	85.8%	87.0%	87.2%

NCANDS Data Quality Checks

	Limit	MFC	RM	20-21	21-22	22-23	2020	2021	2022	2023
Child IDs for victims match across years	< 1%		●	2.6%	3.1%	1.1%				
Child IDs for victims match across years, but dates of birth/ age and sex do not	> 5%		●	0.6%	0.0%	0.0%				
Missing age for victims	> 5%	●	●				0.0%	0.1%	0.0%	0.1%
Some victims should have AFCARS IDs in child file	< 1%	●					100.0%	100.0%	100.0%	100.0%
Some victims with AFCARS IDs should match IDs in AFCARS files	> 0	●					Y	Y	Y	Y

MFC = Maltreatment in foster care, PS = Placement stability, RM = Recurrence of maltreatment, Perm = Permanency indicators (Permanency in 12 months for children entering care, in care 12-23 months, in care 24 months or more, and Reentry to care in 12 months)

Performance Key

- A blank cell indicates there were no data quality checks assessed for that data period because it relies on a subsequent period of data that is not yet available.
- Indicates that data quality check results exceed the data quality limit.
- DQ Indicates the data quality check was not performed due to data quality issues, or missing AFCARS and/or NCANDS submission(s). For example, there were underlying data quality issues with the AFCARS or NCANDS data set such as AFCARS IDs not being included or a DQ limit exceeded on a related data quality check. "DQ" is displayed on the RSP and Observed Performance pages when performance could not be calculated due to data quality issues.