West Virginia

Child and Family Services Review (CFSR 4) Data Profile
AFCARS and NCANDS submissions as of 12-21-22

Safety Outcomes

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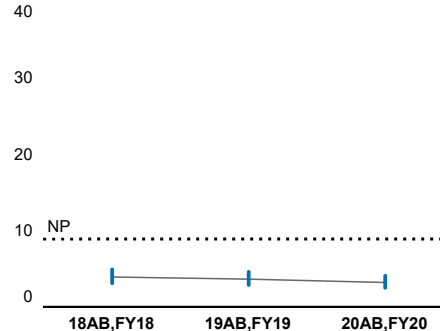
Maltreatment in Care
(victimizations/100,000 days in care)

9.07 NP   **3.43 RSP**
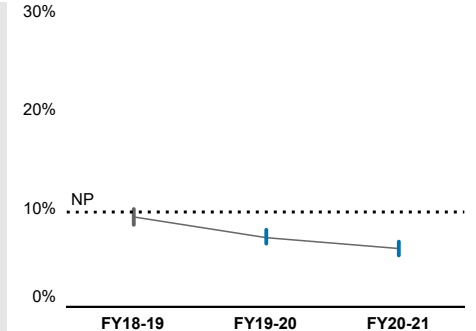
Lower value is desired

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   **6.1% 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
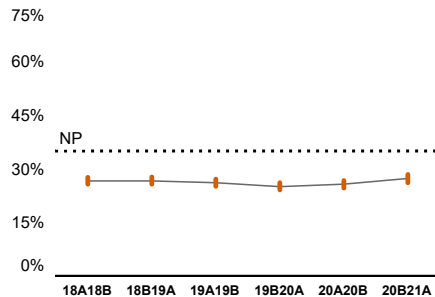
Permanency Outcomes

Permanency in 12 Months (entries)

35.2% NP   **27.8% RSP**
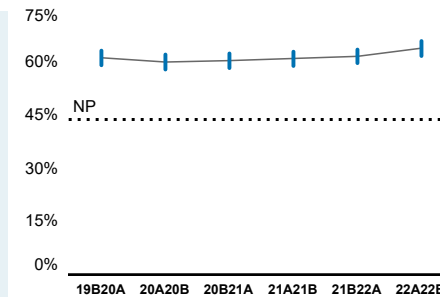
Higher value is desired

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   **64.2% RSP**
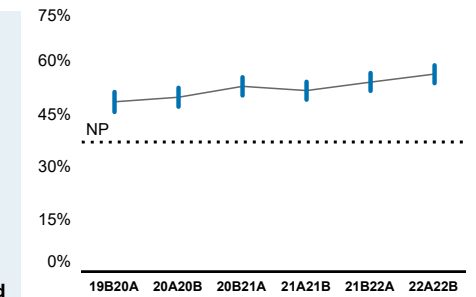
Higher value is desired

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   **56.7% RSP**
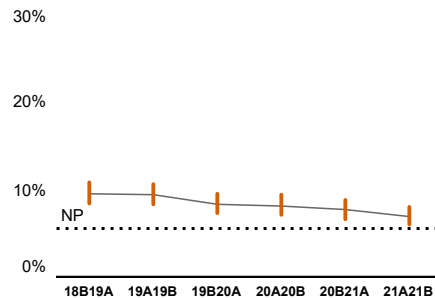
Higher value is desired

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   **7.1% 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   **2.58 RSP**

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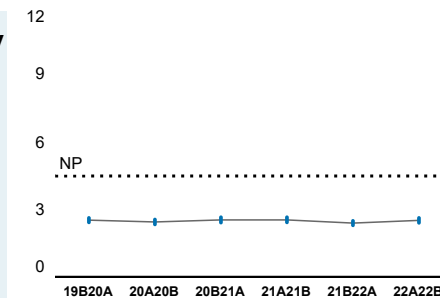
Among children who entered care in a 12-month period, the number of placement moves per day they experienced during that year

Performance Key

■ (blue) State's performance (using RSP interval) is statistically **better** than national performance.

■ (gray) State's performance (using RSP interval) is statistically **no different** than national performance.

■ (orange) 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		18A18B	18B19A	19A19B	19B20A	20A20B	20B21A	21A21B	21B22A	22A22B
Permanency in 12 months (entries)	35.2% ▲	RSP	27.1%	27.1%	26.6%	25.5%	26.2%	27.8%			
		RSP interval	26.2%-28.1%[3]	26.2%-28.2%[3]	25.6%-27.6%[3]	24.6%-26.6%[3]	25.1%-27.2%[3]	26.6%-28.9%[3]			
		Data used	18A-20A	18B-20B	19A-21A	19B-21B	20A-22A	20B-22B			
Permanency in 12 months (12-23 mos)	43.8% ▲	RSP				61.5%	60.3%	60.7%	61.3%	61.9%	64.2%
		RSP interval				59.4%-63.5%[1]	58.2%-62.4%[1]	58.6%-62.7%[1]	59.2%-63.2%[1]	60.0%-63.8%[1]	62.0%-66.2%[1]
		Data used				19B-20A	20A-20B	20B-21A	21A-21B	21B-22A	22A-22B
Permanency in 12 months (24+ mos)	37.3% ▲	RSP				48.8%	50.1%	53.2%	52.0%	54.4%	56.7%
		RSP interval				45.9%-51.6%[1]	47.4%-52.8%[1]	50.6%-55.8%[1]	49.4%-54.5%[1]	51.9%-57.0%[1]	54.1%-59.2%[1]
		Data used				19B-20A	20A-20B	20B-21A	21A-21B	21B-22A	22A-22B
Reentry to foster care	5.6% ▼	RSP		9.7%	9.6%	8.5%	8.3%	7.9%	7.1%		
		RSP interval		8.6%-11.0%[3]	8.5%-10.8%[3]	7.5%-9.7%[3]	7.3%-9.6%[3]	6.8%-9.0%[3]	6.2%-8.2%[3]		
		Data used		18B-20A	19A-20B	19B-21A	20A-21B	20B-22A	21A-22B		
Placement stability (moves/1,000 days in care)	4.48 ▼	RSP				2.59	2.51	2.60	2.60	2.46	2.58
		RSP interval				2.49-2.69[1]	2.4-2.62[1]	2.48-2.72[1]	2.49-2.72[1]	2.36-2.56[1]	2.47-2.69[1]
		Data used				19B-20A	20A-20B	20B-21A	21A-21B	21B-22A	22A-22B

	National Performance		18AB,FY18	19AB,FY19	20AB,FY20	FY18-19	FY19-20	FY20-21
Maltreatment in care (victimizations/100,000 days in care)	9.07 ▼	RSP	4.15	3.87	3.43			
		RSP interval	3.33-5.15[1]	3.1-4.82[1]	2.73-4.32[1]			
		Data used	18A-18B, FY18-19	19A-19B, FY19-20	20A-20B, FY20-21			
Recurrence of maltreatment	9.7% ▼	RSP				9.3%	7.2%	6.1%
		RSP interval				8.5%-10.1%[2]	6.6%-8.0%[1]	5.4%-6.8%[1]
		Data used				FY18-19	FY19-20	FY20-21

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.

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.

		18A18B	18B19A	19A19B	19B20A	20A20B	20B21A	21A21B	21B22A	22A22B
Permanency in 12 months (entries)	Denominator	4,957	4,878	4,917	5,047	4,573	4,084			
	Numerator	1,793	1,754	1,721	1,659	1,546	1,471			
	Observed performance	36.2%	36.0%	35.0%	32.9%	33.8%	36.0%			
Permanency in 12 months (12-23 mos)	Denominator				1,990	1,965	2,026	2,167	2,273	1,890
	Numerator				1,235	1,191	1,235	1,328	1,420	1,223
	Observed performance				62.1%	60.6%	61.0%	61.3%	62.5%	64.7%
Permanency in 12 months (24+ mos)	Denominator				1,018	1,082	1,184	1,171	1,190	1,235
	Numerator				496	556	645	636	670	716
	Observed performance				48.7%	51.4%	54.5%	54.3%	56.3%	58.0%
Reentry to foster care	Denominator		2,681	2,703	2,628	2,433	2,391	2,524		
	Numerator		243	238	205	188	174	165		
	Observed performance		9.1%	8.8%	7.8%	7.7%	7.3%	6.5%		
Placement stability (moves/1,000 days in care)	Denominator				849,298	803,121	669,782	732,501	807,353	739,990
	Numerator				2,333	2,117	1,805	1,994	2,111	2,073
	Observed performance				2.75	2.64	2.69	2.72	2.61	2.80

		18AB,FY18	19AB,FY19	20AB,FY20	FY18-19	FY19-20	FY20-21
Maltreatment in care (victimizations/100,000 days in care)	Denominator	2,507,596	2,623,122	2,703,937			
	Numerator	77	75	68			
	Observed performance	3.07	2.86	2.51			
Recurrence of maltreatment	Denominator				6,955	6,588	5,922
	Numerator				488	358	269
	Observed performance				7.0%	5.4%	4.5%

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	18A	18B	19A	19B	20A	20B	21A	21B	22A	22B
AFCARS IDs don't match from one period to next	> 40%	●	●	●	23.5%	22.6%	23.0%	24.4%	22.0%	22.6%	23.4%	25.0%	24.7%	
Date of birth after date of entry	> 5%	●	●	●	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	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%	●	●	●	0.7%	0.5%	0.6%	0.6%	0.1%	0.1%	0.1%	0.0%	0.1%	
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%		●		0.0%	0.3%	0.1%	0.3%	0.2%	0.2%	0.2%	0.1%	0.1%	0.2%
Missing number of placement settings	> 5%			●	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Percentage of children on 1st removal	> 95%	●	●	●	84.3%	85.2%	85.1%	85.4%	85.2%	85.6%	85.7%	86.0%	85.1%	84.3%

NCANDS Data Quality Checks

	Limit	MFC	RM	18-19	19-20	20-21	2018	2019	2020	2021
Child IDs for victims match across years	< 1%		●	4.5%	2.9%	2.6%				
Child IDs for victims match across years, but dates of birth/ age and sex do not	> 5%		●	0.3%	0.0%	0.6%				
Missing age for victims	> 5%	●	●				0.2%	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.