

Example of the Formula State Share Ratio Calculation

$$\text{State Share Ratio (SSR)} = \sqrt{\frac{\text{SSRC}^2 + \%PK6FRPL}{2}} \quad \text{where } \text{SSRC} = 1 - (0.475 * \frac{\text{District EWAV/District RADM}}{\text{State EWAV/State RADM}})$$

Example:

District EWAV = \$2,613,723,048

District RADM = 3,130

District EWAV/District RADM = \$835,055

State EWAV = \$117,082,816,069

State RADM = 140,072

State EWAV/State RADM = \$835,876

SSRC = $1 - (0.475 * (\$835,055 / \$835,876)) = 1 - (0.475 * 0.999017) = 0.525$ or 52.5%

PK6 FRPL % = 0.477 or 47.7%

State Share Ratio (SSR) = $\sqrt{(0.525^2 + 0.477^2) / 2} = 50.2\%$

EWAV = Equalized Weighted Assessed Valuation includes assessed property values adjusted for American Community Survey median family income

RADM = Resident Average Daily Membership includes all resident children of a district and gives the district credit for any time the student is an enrolled member of the district

PK6 FRPL% = Free and Reduced Price Lunch – percentage of students in grades PK-6 enrolled in the free and reduced price lunch program

STATE SHARE RATIO FOR THE FORMULA (QUADRATIC MEAN)

Updated for FY 2017

District	SSRC	PK-6%	FY 2017 Quadratic Mean	FY 2016 calc	% Change from FY 2016
BARRINGTON	24.1%	5.9%	17.5%	19.7%	-2.2%
BRISTOL	19.9%	32.2%	26.8%	26.9%	-0.2%
BURRILLVILLE	66.8%	35.7%	53.6%	54.2%	-0.6%
CENTRAL FALLS	97.2%	91.5%	94.4%	93.5%	0.9%
CHARLESTOWN	0.0%	27.6%	19.5%	19.3%	0.2%
COVENTRY	61.6%	31.6%	49.0%	49.3%	-0.3%
CRANSTON	60.7%	45.4%	53.6%	54.6%	-1.0%
CUMBERLAND	55.5%	24.8%	43.0%	42.5%	0.5%
EAST GREENWICH	9.4%	8.0%	8.7%	15.9%	-7.2%
EAST PROVIDENCE	65.9%	52.4%	59.5%	59.8%	-0.3%
EXETER	23.4%	22.4%	22.9%	20.3%	2.7%
FOSTER	52.1%	23.7%	40.5%	42.9%	-2.4%
FOSTER-GLOC	51.0%	21.9%	39.2%	42.1%	-2.8%
GLOCESTER	50.2%	17.9%	37.7%	40.2%	-2.5%
HOPKINTON	58.4%	27.0%	45.5%	44.9%	0.6%
JAMESTOWN	0.0%	10.5%	7.4%	8.7%	-1.3%
JOHNSTON	52.5%	47.7%	50.2%	47.7%	2.4%
LINCOLN	47.0%	31.6%	40.0%	38.3%	1.7%
LITTLE COMPTON	0.0%	17.0%	12.0%	10.8%	1.2%
MIDDLETOWN	29.5%	32.7%	31.1%	33.2%	-2.1%
NARRAGANSETT	0.0%	22.9%	16.2%	18.9%	-2.7%
NEW SHOREHAM	0.0%	17.9%	12.7%	8.3%	4.4%
NEWPORT	0.0%	64.6%	45.7%	46.0%	-0.3%
NORTH KINGSTOWN	30.0%	26.0%	28.1%	27.3%	0.7%
NORTH PROVIDENCE	65.1%	47.9%	57.2%	58.1%	-1.0%
NORTH SMITHFIELD	48.0%	22.1%	37.4%	36.4%	1.0%
PAWTUCKET	87.0%	79.4%	83.3%	83.1%	0.2%
PORTSMOUTH	11.6%	16.8%	14.4%	16.3%	-1.8%
PROVIDENCE	87.1%	88.6%	87.9%	87.8%	0.0%
RICHMOND	47.4%	20.0%	36.4%	39.6%	-3.3%
SCITUATE	23.6%	18.5%	21.2%	28.3%	-7.1%
SMITHFIELD	32.1%	18.0%	26.0%	25.3%	0.7%
SOUTH KINGSTOWN	12.8%	23.0%	18.6%	19.0%	-0.4%
TIVERTON	35.2%	32.4%	33.8%	35.2%	-1.3%
WARREN	55.4%	47.5%	51.6%	51.7%	-0.1%
WARWICK	43.4%	37.4%	40.5%	40.4%	0.1%
WEST GREENWICH	40.8%	16.2%	31.0%	32.3%	-1.3%
WEST WARWICK	73.7%	54.4%	64.8%	64.2%	0.6%
WESTERLY	0.0%	42.7%	30.2%	30.4%	-0.2%
WOONSOCKET	90.6%	79.8%	85.4%	85.1%	0.3%

STATE SHARE RATIO FOR THE COMMUNITY CALCULATION

District	EWAV 12/31/2012 <small>(ACS 2009-2013/Dec 2014)</small>	6/30/2015 RADM (*)	State Share Ratio Community (SSRC)	Adjusted SSRC (**)	Change from FY 16
BARRINGTON	\$4,383,235,285	3,282	24.106%	24.1%	-2.9%
BRISTOL	\$2,906,078,707	2,061	19.873%	19.9%	3.6%
BURRILLVILLE	\$1,391,698,509	2,383	66.813%	66.8%	0.0%
CENTRAL FALLS	\$195,528,485	3,968	97.200%	97.2%	0.2%
CHARLESTOWN	\$2,251,351,748	975	-31.217%	0.0%	0.0%
COVENTRY	\$3,157,938,643	4,675	61.614%	61.6%	-1.0%
CRANSTON	\$6,999,193,795	10,125	60.717%	60.7%	-2.2%
CUMBERLAND	\$3,812,806,260	4,874	55.546%	55.5%	0.7%
EAST GREENWICH	\$3,777,578,609	2,370	9.423%	9.4%	-11.2%
EAST PROVIDENCE	\$3,189,787,857	5,310	65.863%	65.9%	2.1%
EXETER	\$1,062,988,416	789	23.440%	23.4%	2.8%
FOSTER	\$238,431,755	283	52.123%	52.1%	-4.4%
FOSTER-GLOC	\$961,757,716	1,115	50.983%	51.0%	-3.5%
GLOCESTER	\$455,788,708	520	50.191%	50.2%	-3.1%
HOPKINTON	\$833,325,557	1,137	58.351%	58.4%	0.9%
JAMESTOWN	\$3,202,672,373	654	-178.283%	0.0%	0.0%
JOHNSTON	\$2,613,723,048	3,130	52.547%	52.5%	3.7%
LINCOLN	\$3,009,045,430	3,226	46.995%	47.0%	2.4%
LITTLE COMPTON	\$2,376,989,588	378	-257.345%	0.0%	0.0%
MIDDLETOWN	\$2,858,950,718	2,306	29.547%	29.5%	-4.3%
NARRAGANSETT	\$6,084,458,025	1,351	-155.928%	0.0%	0.0%
NEW SHOREHAM	\$2,360,684,528	116	-1056.463%	0.0%	0.0%
NEWPORT	\$5,842,720,039	2,075	-60.011%	0.0%	0.0%
NORTH KINGSTOWN	\$4,862,905,667	3,950	30.040%	30.0%	1.6%
NORTH PROVIDENCE	\$2,236,225,266	3,642	65.108%	65.1%	-1.5%
NORTH SMITHFIELD	\$1,636,803,702	1,789	48.008%	48.0%	1.4%
PAWTUCKET	\$2,372,483,091	10,387	87.020%	87.0%	0.5%
PORTSMOUTH	\$3,790,170,186	2,436	11.584%	11.6%	-3.7%
PROVIDENCE	\$6,076,707,560	26,718	87.075%	87.1%	1.2%
RICHMOND	\$1,074,269,111	1,161	47.419%	47.4%	-4.5%
SCITUATE	\$1,895,263,126	1,409	23.562%	23.6%	-11.6%
SMITHFIELD	\$2,857,978,940	2,391	32.075%	32.1%	2.0%
SOUTH KINGSTOWN	\$5,209,173,345	3,393	12.756%	12.8%	-3.4%
TIVERTON	\$2,033,466,225	1,784	35.227%	35.2%	-4.0%
WARREN	\$1,018,956,607	1,297	55.356%	55.4%	1.1%
WARWICK	\$9,020,687,540	9,051	43.364%	43.4%	0.0%
WEST GREENWICH	\$923,939,819	887	40.807%	40.8%	-1.9%
WEST WARWICK	\$1,587,582,565	3,424	73.652%	73.7%	2.6%
WESTERLY	\$5,508,424,964	3,108	-0.716%	0.0%	0.0%
WOONSOCKET	\$1,011,044,556	6,142	90.646%	90.6%	1.6%
	\$117,082,816,069	140,072			

* Includes charter and state school students

** Adjusted EWAV to bring districts with negative EWAV to 0%

June 30, 2015 - TOTAL RESIDENT PK-6%

distname_res	PK-6 FRPL ADM	PK-6 Total ADM	
Barrington Total	98	1,663	5.9%
Bristol Total	368	1,144	32.2%
Burrillville Total	436	1,223	35.7%
Central Falls Total	2,094	2,289	91.5%
Charlestown Total	136	493	27.6%
Coventry Total	736	2,328	31.6%
Cranston Total	2,393	5,273	45.4%
Cumberland Total	668	2,691	24.8%
East Greenwich Total	99	1,230	8.0%
East Providence Total	1,549	2,954	52.4%
Exeter Total	90	402	22.4%
Foster Total	67	283	23.7%
Foster-Glocester Total	33	151	21.9%
Glocester Total	93	520	17.9%
Hopkinton Total	158	586	27.0%
Jamestown Total	41	390	10.5%
Johnston Total	790	1,657	47.7%
Lincoln Total	544	1,721	31.6%
Little Compton Total	32	188	17.0%
Middletown Total	410	1,255	32.7%
Narragansett Total	161	703	22.9%
New Shoreham Total	10	56	17.9%
Newport Total	759	1,175	64.6%
North Kingstown Total	516	1,987	26.0%
North Providence Total	956	1,994	47.9%
North Smithfield Total	204	924	22.1%
Pawtucket Total	4,893	6,162	79.4%
Portsmouth Total	202	1,202	16.8%
Providence Total	13,260	14,969	88.6%
Richmond Total	121	605	20.0%
Scituate Total	126	680	18.5%
Smithfield Total	224	1,244	18.0%
South Kingstown Total	406	1,766	23.0%
Tiverton Total	292	902	32.4%
Warren Total	356	750	47.5%
Warwick Total	1,745	4,663	37.4%
West Greenwich Total	71	438	16.2%
West Warwick Total	1,054	1,936	54.4%
Westerly Total	714	1,671	42.7%
Woonsocket Total	2,855	3,577	79.8%
Grand Total	39,760	75,845	52.4%