

Step 2: EPS Transportation Model Using 2008-09 Data fpr 2011-12 Funding

Predicted Base Cost Models - 2008-09 dollars

Years of inflation (Between ED 546 and Expenditure report): **3**

Inflation: **2.9%**

Coefficients for Calculating Density Model Predicted Per-Pupil Base Cost SAU Variable: (constant) Pupil Density Pupil Sparsity Coefficient: 144.765 15.153 1079.598	Coefficients for Calculating Annual Odometer Miles Model Predicted Gross Base Cost Per Pupil Conveyed SAU Variable: (constant) Miles per Pupil Pupils per Mile Coefficient: 385.147 0.631 -
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Weight
1/2

Weight
1/2

Total Weight (should=1)
1

Unit Code School Administrative Unit	Density Model					Annual Odometer Miles Model								Combined Model		
	K-12 Resident Pupils	Miles of Road	Pupil Density	Pupil Sparsity	Predicted Per-Pupil Base Net Cost	Annual Odometer Miles	Pupils Conveyed	Annual Miles Per Pupil Conveyed	Predicted Per-Pupil Gross Cost	Adjusted Net Expenditure Per Resident Pupil	Gross Expenditure Per Pupil Conveyed	Predicted Per-Pupil Base Net Cost	X	Predicted Per- Pupil Base Net Cost	100% Predicted Per-Pupil Base Net Cost	
552 SAD #52 TURNER	2,047	237.26	8.63	0.116	\$401	955,540	2,163	442	\$664	\$590	\$696	\$562		\$481	\$481	Half & Half
553 SAD #53 PITTSFIELD	1,076	142.83	7.53	0.133	\$402	488,397	553	883	\$942	\$415	\$1,030	\$380		\$402	\$402	Density
554 SAD #54 SKOWHEGAN	2,738	348.40	7.86	0.127	\$401	996,771	2,586	385	\$628	\$590	\$746	\$496		\$449	\$449	Half & Half
555 SAD #55 PORTER	1,225	287.59	4.26	0.235	\$463	586,273	1,300	451	\$670	\$810	\$769	\$705		\$584	\$584	Half & Half
556 SAD #56 SEARSPORT	738	132.86	5.55	0.180	\$423	330,909	740	447	\$667	\$701	\$757	\$619		\$521	\$521	Half & Half
557 SAD #57 WATERBORO	3,502	378.48	9.25	0.108	\$402	1,752,024	3,740	468	\$681	\$560	\$593	\$643		\$522	\$522	Half & Half
558 SAD #58 KINGFIELD	641	166.68	3.85	0.260	\$484	380,399	862	441	\$664	\$737	\$667	\$734		\$609	\$609	Half & Half
559 SAD #59 MADISON	988	191.52	5.16	0.194	\$432	514,661	1,044	493	\$696	\$645	\$669	\$672		\$552	\$552	Half & Half
560 SAD #60 BERWICK	3,090	238.06	12.98	0.077	\$425	1,666,828	2,950	565	\$742	\$701	\$801	\$649		\$537	\$537	Half & Half
561 SAD #61 BRIDGTON	1,914	296.69	6.45	0.155	\$410	895,630	2,057	435	\$660	\$676	\$695	\$642		\$526	\$526	Half & Half
562 SAD #62 POWNAL	192	44.47	4.32	0.232	\$460	85,221	177	481	\$689	\$414	\$490	\$582		\$521	\$521	Half & Half
563 SAD #63 EDDINGTON	940	88.94	10.57	0.095	\$407	311,477	750	415	\$647	\$513	\$732	\$453		\$430	\$430	Half & Half
564 SAD #64 CORINTH	1,211	176.24	6.87	0.146	\$406	676,131	1,209	559	\$738	\$799	\$918	\$642		\$524	\$524	Half & Half
565 SAD #65 MATINICUS ISLE	7	13.79	0.51	1.970	\$2,279	0	-	-	-	-	-	-		\$2,279	\$2,279	Density
567 SAD #67 LINCOLN	1,155	113.21	10.20	0.098	\$405	288,344	750	384	\$628	\$549	\$951	\$362		\$405	\$405	Density
568 SAD #68 DOVER-FOXCROFT	976	224.43	4.35	0.230	\$459	439,775	884	497	\$699	\$542	\$639	\$593		\$526	\$526	Half & Half
570 SAD #70 HODGDON	493	187.54	2.63	0.380	\$595	225,126	515	437	\$661	\$704	\$711	\$654		\$625	\$625	Half & Half
571 SAD #71 KENNEBUNK	2,191	161.32	13.58	0.074	\$430	707,018	2,241	315	\$584	\$497	\$688	\$422		\$430	\$430	Density
572 SAD #72 FRYEBURG	1,282	326.86	3.92	0.255	\$479	721,993	751	961	\$992	\$747	\$1,458	\$508		\$494	\$494	Half & Half
574 SAD #74 ANSON	786	222.35	3.53	0.283	\$504	353,022	843	419	\$649	\$765	\$760	\$654		\$579	\$579	Half & Half
575 SAD #75 TOPSHAM	2,808	272.40	10.31	0.097	\$406	1,086,562	3,156	344	\$602	\$647	\$634	\$615		\$510	\$510	Half & Half
576 SAD #76 SWAN'S ISLAND	46	22.21	2.07	0.483	\$697	6,825	23	297	\$572	\$1,757	\$3,514	\$286		\$697	\$697	Density
791 INDIAN ISLAND	144	4.83	29.81	0.034	\$633	79,626	72	1,106	\$1,083	\$477	\$953	\$541		\$633	\$633	Density
792 INDIAN TOWNSHIP	140	27.16	5.15	0.194	\$432	398,125	168	2,370	\$1,880	\$695	\$580	\$2,257		\$1,344	\$1,344	Half & Half
793 PLEASANT POINT	139	3.34	41.62	0.024	\$801	0	-	-	-	\$701	-	-		\$801	\$801	Density
801 RSU #01	2,158	214.07	10.08	0.099	\$405	0	-	-	-	\$430	-	-		\$405	\$405	Density
903 BOOTHBAY-BOOTHBAY HBR CSD	599	89.45	6.70	0.149	\$407	151,820	850	179	\$498	\$552	\$421	\$654		\$531	\$531	Half & Half
904 FLANDERS BAY CSD-SULLIVAN	795	196.66	4.04	0.247	\$473	0	-	-	-	\$47	-	-		\$473	\$473	Density
907 MT. DESERT REGION DISTRICT	1,325	240.64	5.51	0.182	\$424	0	-	-	-	\$206	-	-		\$424	\$424	Density
908 AIRLINE CSD-AURORA	64	39.84	1.61	0.622	\$841	85,268	70	1,218	\$1,154	\$1,010	\$924	\$1,262		\$1,052	\$1,052	Half & Half
909 SO. AROOSTOOK CSD-DYER BROOK	416	174.88	2.38	0.420	\$635	165,740	362	458	\$674	\$612	\$806	\$512		\$635	\$635	Density
910 MARANACOOK CSD-READFIELD	1,287	181.57	7.09	0.141	\$404	431,172	493	875	\$937	\$605	\$1,704	\$333		\$404	\$404	Density
911 SCHOODIC CSD-SULLIVAN	189	41.88	4.51	0.222	\$452	74,976	407	184	\$501	\$1,042	\$347	\$1,505		\$979	\$979	Half & Half
912 EAST RANGE II CSD-TOPSFIELD	33	28.75	1.15	0.871	\$1,103	65,916	21	3,139	\$2,366	\$972	\$1,717	\$1,339		\$1,221	\$1,221	Half & Half
913 DEER ISLE-STONINGTON CSD	361	72.24	5.00	0.200	\$437	118,926	228	522	\$714	\$483	\$1,169	\$295		\$437	\$437	Density
914 GREAT SALT BAY CSD-DAMARISCOTTA	575	103.34	5.56	0.180	\$423	150,175	311	483	\$690	\$696	\$825	\$582		\$502	\$502	Half & Half
915 OAK HILL CSD-WALES	1,521	176.66	8.61	0.116	\$401	22,661	30	755	\$862	\$922	\$19,784	\$40		\$401	\$401	Density
917 MOOSABEC CSD-JONESPORT	231	31.69	7.29	0.137	\$403	47,034	83	567	\$743	\$71	\$903	\$58		\$403	\$403	Density
918 WELLS-OGUNQUIT CSD	1,441	172.11	8.37	0.119	\$401	398,647	1,425	280	\$562	\$470	\$651	\$406		\$403	\$403	Half & Half
919 FIVE TOWN CSD	1,915	270.23	7.09	0.141	\$404	149,400	130	1,149	\$1,110	\$627	\$3,694	\$189		\$404	\$404	Density
920 PENINSULA	251	78.98	3.18	0.315	\$533	106,983	275	389	\$631	\$1,043	\$778	\$845		\$689	\$689	Half & Half