

## Calculating the EPS Transportation Cost Component for SAUs:

SAU information needed:

- *Resident Pupils* (October 2003, and most recent calendar year average)
- *Miles of Road* (Class 1 through Class 5)
- *One-way travel distance from high school to nearest vocational education facility*
- *Actual miles driven to out-of-district special education programs* (most recent year)
- *Actual ferry costs* (most recent year)<sup>1</sup>
- *Actual cost of transporting homeless students to or from outside the district* (most recent year)
- *Actual Net Transportation Operating Expense* (most recent year)

### Note:

- **Not to be used for island SAUs**
- **Not to be used for Non-K-12 CSDs or their members**

Step 1: Calculate the SAU *pupil density* by dividing the October 2003 resident pupils by the miles of road.

Step 2: The *predicted per-pupil base (pppb)*, which excludes vocational transportation, depends on the pupil density. Find an approximate amount by looking on Table 1. An exact amount may be found using the following formula:  $pppb = \$345.00 + \$224.32 \div \text{pupil density} - \$2.432 \times \text{pupil density}$ .

Step 3: Calculate the *per-pupil base cost* by taking 110% of the *predicted per-pupil base*.

Step 4: Calculate adjustments as follows:

**Note: for 2005-06, the base amount will be adjusted for vocational transportation only, as data for the other adjustments listed have not been collected. Adjustments in the other areas will be added to the 2006-07 transportation cost component.**

- A. Vocational Transportation: For SAUs that transport students to vocational education facilities, the *total vocational adjustment* depends on the one-way travel distance from the high school to the nearest vocational education facility. Find an approximate amount looking on Table 2. An exact amount may be found using the following formula:  $\$2.53 \times 4 \times 175 \times \text{the one-way travel distance from high school to nearest vocational education facility}$ , where \$2.53 represents the state average operating expenditure per mile driven, 4 represents two round trips per day, and 175 represents the assumed number of days of operation of the vocational facility.
- B. Special Needs Transportation: the *total special needs transportation adjustment* is equal to the *actual miles driven to out-of-district special education programs* multiplied by the state average operating expenditure cost per mile driven (\$2.53 in 2003-04).

---

<sup>1</sup> The ferry costs adjustment is applicable only to Portland and MSAD 51.

- C. Ferry Costs: The ***total ferry cost adjustment*** is equal to *actual ferry costs in the most recent year*.
- D. Homeless Students: The ***total homeless student adjustment*** is equal to the *actual cost of transporting homeless students to or from outside the district in the most recent year*.

Step 5: Calculate the ***per-pupil adjustment*** by dividing the total of all adjustments calculated in Step 4 by the *resident pupils*.

Step 5: Calculate the ***per-pupil adjusted cost*** by adding the *per-pupil adjustment* to the *per-pupil base cost*.

Step 6: Calculate the ***upper and lower limits*** by multiplying the actual per-pupil net transportation operating expense by 110% and by 75%, respectively. For SADs and CSDs with resident enrollment higher than 1,250, calculate the lower limit by multiplying the actual net transportation operating expense by 90% rather than 75%.

Step 7: Determine the ***EPS per-pupil transportation rate*** as follows:

- If the *per-pupil adjusted cost* is between the upper and lower limits, then the ***EPS per-pupil transportation rate*** equals the *per-pupil adjusted cost*.
- If the *per-pupil adjusted cost* is greater than the upper limit, then the ***EPS per-pupil transportation rate*** equals the *upper limit* (i.e., 110% of actual).
- If the *per-pupil adjusted cost* is less than the lower limit, then the ***EPS per-pupil transportation rate*** equals the *lower limit* (i.e., 75% of actual).

Step 8: Calculate the ***total transportation allocation*** by multiplying the *EPS per-pupil transportation rate* by the most recent calendar year average *resident pupils* and adjusting for inflation to the funding year.

**Note: for 2005-06, the base amount will be adjusted for vocational transportation only, as data for the other adjustments listed have not been collected. Adjustments in the other areas will be added to the 2006-07 transportation cost component.**

**Table 1: EPS Per-Pupil Transportation Base Cost****Selected Values by SAU Pupil Density**

<b>Pupil Density</b>	<b>Per-Pupil Base Cost</b>						
30.00	\$307	2.50	\$472	0.65	\$757	0.35	\$1,084
29.00	\$310	2.40	\$476	0.64	\$763	0.34	\$1,104
28.00	\$313	2.30	\$481	0.63	\$769	0.33	\$1,126
27.00	\$316	2.20	\$486	0.62	\$776	0.32	\$1,150
26.00	\$319	2.10	\$491	0.61	\$782	0.31	\$1,175
25.00	\$322	2.00	\$498	0.60	\$789	0.30	\$1,201
24.00	\$326	1.90	\$504	0.59	\$796	0.29	\$1,230
23.00	\$329	1.80	\$512	0.58	\$803	0.28	\$1,260
22.00	\$332	1.70	\$520	0.57	\$811	0.27	\$1,293
21.00	\$335	1.60	\$529	0.56	\$819	0.26	\$1,328
20.00	\$338	1.50	\$540	0.55	\$827	0.25	\$1,366
19.00	\$342	1.40	\$552	0.54	\$835	0.24	\$1,407
18.00	\$345	1.30	\$566	0.53	\$844	0.23	\$1,452
17.00	\$349	1.20	\$582	0.52	\$853	0.22	\$1,501
16.00	\$352	1.10	\$601	0.51	\$862	0.21	\$1,554
15.00	\$356	1.00	\$624	0.50	\$872	0.20	\$1,613
14.00	\$360	0.95	\$637	0.49	\$882	0.19	\$1,678
13.00	\$364	0.90	\$651	0.48	\$892	0.18	\$1,750
12.00	\$368	0.85	\$668	0.47	\$903	0.17	\$1,831
11.00	\$373	0.80	\$686	0.46	\$915	0.16	\$1,921
10.00	\$377	0.75	\$706	0.45	\$927	0.15	\$2,024
9.00	\$383	0.74	\$711	0.44	\$939	0.14	\$2,142
8.00	\$389	0.73	\$716	0.43	\$952	0.13	\$2,277
7.00	\$396	0.72	\$720	0.42	\$966	0.12	\$2,435
6.00	\$405	0.71	\$725	0.41	\$980	0.11	\$2,622
5.00	\$415	0.70	\$730	0.40	\$995	0.10	\$2,847
4.50	\$422	0.69	\$735	0.39	\$1,011	0.09	\$3,121
4.00	\$430	0.68	\$741	0.38	\$1,028	0.08	\$3,464
3.50	\$441	0.67	\$746	0.37	\$1,045	0.07	\$3,904
3.00	\$454	0.66	\$752	0.36	\$1,064	0.06	\$4,492
						0.05	\$5,314
						0.04	\$6,548
						0.03	\$8,605

**Table 2: EPS Vocational Transportation Adjustment  
By One-Way Travel Distance from High School  
To Nearest Vocational Facility**

<b>Distance in Miles</b>	<b>Total Adjustment</b>	<b>Distance in Miles</b>	<b>Total Adjustment</b>
1.0	\$1,771	26.0	\$46,046
2.0	\$3,542	27.0	\$47,817
3.0	\$5,313	28.0	\$49,588
4.0	\$7,084	29.0	\$51,359
5.0	\$8,855	30.0	\$53,130
6.0	\$10,626	31.0	\$54,901
7.0	\$12,397	32.0	\$56,672
8.0	\$14,168	33.0	\$58,443
9.0	\$15,939	34.0	\$60,214
10.0	\$17,710	35.0	\$61,985
11.0	\$19,481	36.0	\$63,756
12.0	\$21,252	37.0	\$65,527
13.0	\$23,023	38.0	\$67,298
14.0	\$24,794	39.0	\$69,069
15.0	\$26,565	40.0	\$70,840
16.0	\$28,336	41.0	\$72,611
17.0	\$30,107	42.0	\$74,382
18.0	\$31,878	43.0	\$76,153
19.0	\$33,649	44.0	\$77,924
20.0	\$35,420	45.0	\$79,695
21.0	\$37,191	46.0	\$81,466
22.0	\$38,962	47.0	\$83,237
23.0	\$40,733	48.0	\$85,008
24.0	\$42,504	49.0	\$86,779
25.0	\$44,275	50.0	\$88,550