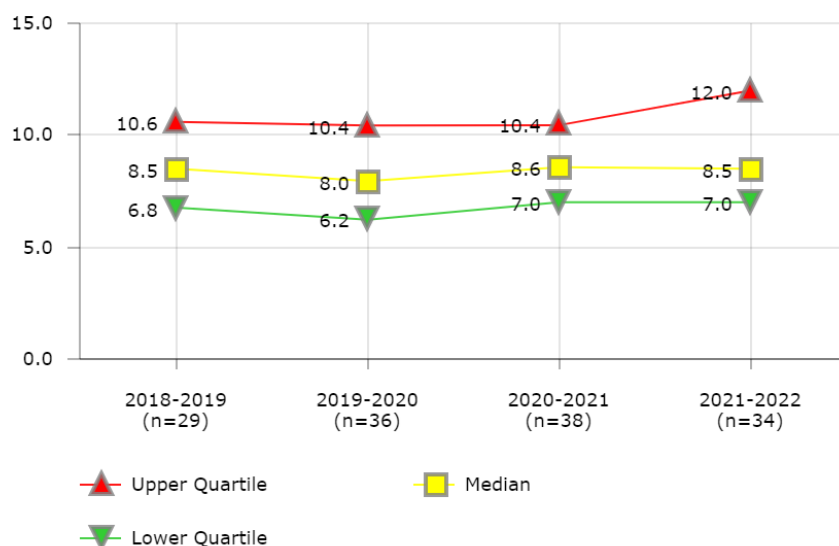


TRANSPORTATION

Bus Fleet - Average Age of Fleet



Description of Calculation

Average age of bus fleet.

Importance of Measure

- Fleet replacement plans drive capital expenditures and on-going maintenance costs
- Younger fleets require greater capital expenditures but reduced maintenance costs
- A younger fleet will result in greater reliability and service levels.
- An older fleet requires more maintenance expenditure but reduces capital expenses.

Factors that Influence

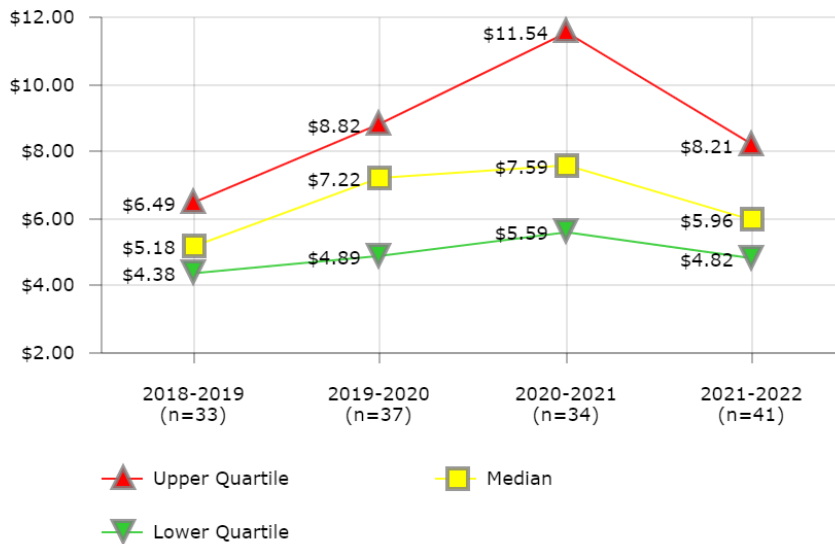
- Formal district-wide capital replacement budgets and standards
- Some districts may operate climates that reduce bus longevity
- Some districts may be required to purchase cleaner burning or expensive alternative-fueled buses
- Availability of state or local bond funding for school bus replacement

Districts in Best Quartile (2021-2022)

- Arlington Independent School District
- Austin Independent School District
- Boston Public Schools
- Clark County School District
- Cleveland Metropolitan School District
- Duval County Public Schools
- Fort Worth Independent School District
- Orange County Public School District
- Palm Beach County School District
- St. Paul Public Schools

District	2018-2019	2019-2020	2020-2021	2021-2022
2			10.0	
3	3.0	3.0	3.0	3.0
4			7.0	
5	10.2	11.0	10.5	11.4
7	11.9	10.9	7.8	
8	6.8	4.8	5.8	5.0
9	7.0	7.0	5.0	6.0
10	8.0	6.2	7.8	7.6
11	11.2	11.6		9.9
12	8.5	8.0	8.0	
13	10.6	12.0	10.1	10.2
14	11.0	9.0	9.0	10.0
15			14.0	14.0
16			17.6	
21		3.9		
23	8.0	8.0		
24			13.0	9.5
25	10.0	7.9		
26		7.0	7.8	5.2
27	13.2	13.4		
28	9.3	9.0	9.0	
32	10.7	11.7	12.8	13.8
35	10.0	10.9	11.1	
37				14.0
39		13.8	14.3	12.0
40		6.5	7.1	6.5
41		6.3	9.0	7.3
44	3.5	4.2	2.9	6.0
46		5.0		8.0
47	7.8	7.5	7.0	8.0
48	6.0	6.3	4.6	3.7
49	11.6	11.6	11.0	12.0
51	4.5	4.8		
52	5.5	6.0	6.5	
53	10.0	10.0	8.5	10.9
54		7.0		
55			7.1	10.1
57	7.9	8.4	8.8	7.0
58				13.2
62				16.9
66	11.6	9.8	8.6	8.2
67	1.9		9.3	7.9
68			7.0	7.0
71		5.3	5.0	7.0
76	8.0	6.5	8.0	
79	10.2	9.9	10.0	12.0
91			10.4	
97		9.0	12.0	12.0
431	6.1			
461				8.5
3249			8.5	8.5

TRANSPORTATION Cost per Mile Operated



Description of Calculation

Total direct cost plus total indirect cost plus total contractor cost of bus services, divided by total miles operated.

Importance of Measure

This is a basic measurement of the cost efficiency of a pupil transportation program. It allows a baseline comparison across districts that will inevitably lead to further analysis based on a district's placement. A greater than average cost per mile may be appropriate based on specific conditions or program requirements in a particular district. A less than average cost per mile may indicate a well-run program, or favorable conditions in a district.

Factors that Influence

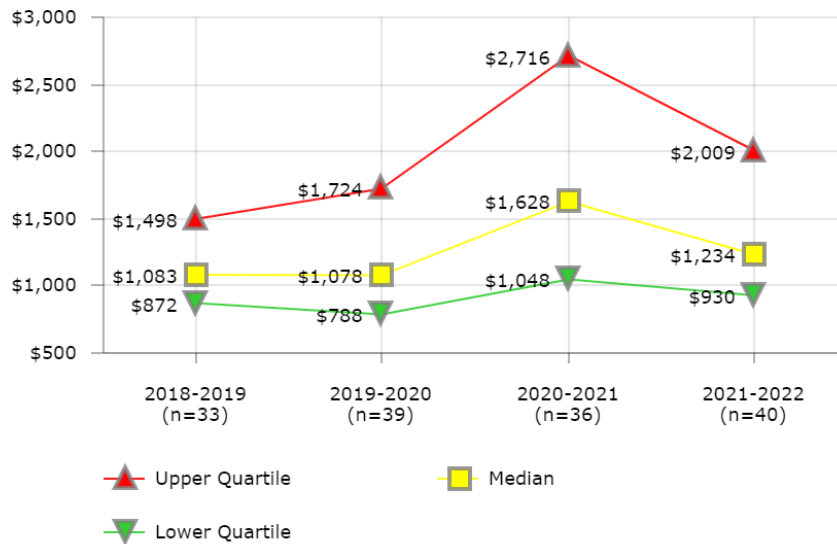
- Driver wage and benefit structure; labor contracts
- Cost of the fleet, including fleet replacement plan, facilities, fuel, insurance and maintenance also play a role in the basic cost
- Effectiveness of the routing plan
- Ability to use each bus for more than one route or run each morning and each afternoon
- Bell schedule
- Transportation department input in proposed bell schedule changes
- Maximum riding time allowed and earliest pickup time allowed
- Type of programs served will influence costs

Districts in Best Quartile (2021-2022)

- Albuquerque Public Schools
- Arlington Independent School District
- Charleston County School District
- Charlotte-Mecklenburg Schools
- Denver Public Schools
- Hillsborough County Public Schools
- Jackson Public School District (MS)
- Jefferson County Public Schools (KY)
- Newark Public Schools
- Pinellas County Schools
- School District of Philadelphia

District	2018-2019	2019-2020	2020-2021	2021-2022
2			\$181.00	
3	\$5.62	\$8.28		\$7.25
4	\$3.16	\$4.40	\$7.55	\$7.41
5	\$5.91	\$7.22	\$17.60	\$8.94
7	\$5.61	\$6.36		
8	\$4.07	\$5.25	\$4.78	\$4.89
9	\$5.18	\$5.35	\$13.48	\$6.87
10	\$4.78	\$5.69	\$5.70	\$4.17
11	\$7.05	\$10.24		\$9.19
12	\$5.27	\$8.35	\$11.54	
13	\$3.70	\$13.86	\$6.68	\$6.44
14	\$4.02	\$3.66	\$11.68	\$4.07
15				\$4.07
16			\$5.09	\$5.74
18	\$5.03	\$4.34	\$9.10	
21		\$12.17		
23			\$0.26	\$0.90
24			\$8.11	\$6.56
25	\$2.11	\$16.04		\$4.82
26		\$8.33		\$16.19
27	\$5.70	\$9.26		
28	\$6.98	\$8.36		
30	\$5.04	\$8.85		\$11.59
32	\$5.00	\$3.99	\$6.72	\$5.22
35	\$3.87	\$7.20		
37				\$4.44
39		\$3.05	\$3.90	\$6.19
40			\$4.01	\$5.62
41			\$8.28	\$5.96
44	\$4.85	\$4.43	\$5.05	\$5.45
47	\$5.29	\$4.77	\$8.59	\$7.39
48	\$7.82	\$7.61	\$5.59	\$5.37
49	\$2.78	\$4.17		\$5.34
50	\$7.91	\$7.13	\$14.86	\$9.37
51	\$4.19	\$5.24		
52	\$6.94	\$8.82	\$6.18	
53	\$4.38	\$0.42	\$15.09	\$4.16
54		\$15.88		\$16.57
55			\$3.79	\$3.77
57	\$7.64	\$14.23		\$9.78
58				\$3.20
62			\$10.82	\$8.36
63	\$6.49	\$9.18	\$19.01	\$9.35
66	\$4.94	\$7.71	\$7.60	\$6.37
67	\$8.25		\$12.28	\$8.21
68			\$7.37	\$3.96
71		\$6.70	\$7.97	\$5.61
76	\$5.37	\$7.99	\$7.80	
79	\$9.05	\$8.04		\$7.46
91			\$5.88	
97		\$4.89	\$3.70	\$3.63
431	\$4.96			
461				\$24.88
3249			\$7.59	\$5.88

TRANSPORTATION Cost per Rider



Description of Calculation

Total direct cost plus total indirect cost plus total contractor cost of bus services, divided by number of riders.

Importance of Measure

This is a basic measurement of the cost efficiency of a pupil transportation program. It allows a baseline comparison across districts that will inevitably lead to further analysis based on a district's placement.

Factors that Influence

- Driver wage and benefit structure; labor contracts
- Cost of the fleet, including fleet replacement plan, facilities, fuel, insurance and maintenance also play a role in the basic cost
- Effectiveness of the routing plan
- Ability to use each bus for more than one route or run each morning and each afternoon
- Bell schedule
- Transportation department input in proposed bell schedule changes
- Maximum riding time allowed and earliest pickup time allowed
- Type of programs served will influence costs

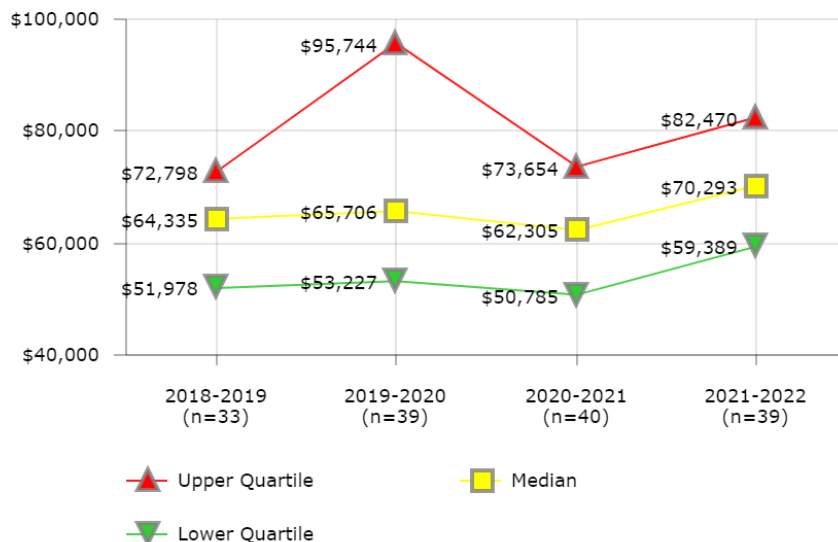
Districts in Best Quartile (2021-2022)

- Albuquerque Public Schools
- Arlington Independent School District
- Austin Independent School District
- Charlotte-Mecklenburg Schools
- Denver Public Schools
- Fayette County Public Schools
- Guilford County School District
- Hillsborough County Public Schools
- Orange County Public School District
- Pinellas County Schools

District	2018-2019	2019-2020	2020-2021	2021-2022
3	\$945	\$942	\$894	\$1,008
4	\$1,657	\$1,662	\$2,599	\$2,188
5		\$913	\$2,071	\$1,991
7	\$757	\$759		
8	\$872	\$788	\$2,091	\$1,035
9	\$906	\$872	\$1,209	\$1,038
10	\$834	\$824	\$1,238	\$837
11	\$3,071	\$3,792		\$4,578
12	\$638	\$726	\$1,223	
13	\$890	\$1,800	\$3,774	\$1,058
14	\$495	\$462		\$669
15			\$1,779	\$1,496
16			\$3,680	\$5,006
18	\$1,059	\$785	\$564	
20				\$1,133
21		\$1,722		
24			\$392	\$1,049
25	\$441	\$2,535	\$485	
26		\$1,399		\$1,887
27	\$1,083	\$734		
28	\$918	\$1,078	\$1,422	
30	\$1,245	\$2,271	\$835	\$1,072
32	\$1,037	\$956	\$1,002	\$1,169
35	\$914	\$1,043	\$762	
37				\$526
39		\$1,593	\$4,173	\$1,346
40			\$2,134	\$1,914
41		\$2,755	\$1,619	\$3,279
43	\$1,488			
44	\$1,528	\$1,104	\$2,338	\$2,026
46		\$7,246		\$4,734
47	\$1,112	\$841	\$1,389	\$1,111
48	\$1,498	\$1,080	\$1,507	\$901
49	\$796	\$824	\$3,435	\$892
50	\$1,121	\$607	\$2,833	\$1,618
51	\$646	\$518		
52	\$1,357	\$1,653		
53	\$740	\$687		\$959
54		\$4,879		
55				\$689
57	\$2,303	\$2,055	\$1,572	\$1,752
58				\$2,619
62			\$5,369	\$4,912
63	\$1,693	\$1,425	\$1,944	\$1,498
66	\$1,891	\$1,724	\$1,839	\$2,106
67	\$1,447		\$1,095	\$1,299
68			\$3,950	\$892
71		\$785	\$846	\$797
76	\$1,521	\$1,380	\$4,556	
79	\$2,194	\$2,646	\$5,669	\$2,640
97		\$895	\$597	\$630
431	\$1,469			
461				\$1,598
3249			\$1,637	\$767

TRANSPORTATION

Cost per Bus



District	2018-2019	2019-2020	2020-2021	2021-2022
2			\$72,467	
3	\$96,172	\$95,744	\$66,910	\$107,141
4	\$41,331	\$46,458	\$44,028	\$78,202
5	\$71,454	\$62,716	\$58,610	\$68,368
7	\$52,776	\$55,468		
8	\$60,267	\$61,251	\$50,939	\$62,085
9	\$65,386	\$66,425	\$70,866	\$73,847
10	\$59,611	\$54,146	\$60,043	\$58,233
11	\$69,243	\$78,936		\$72,212
12	\$64,335	\$73,726	\$68,153	
13	\$47,770	\$101,162	\$46,499	\$59,389
14	\$43,426	\$43,926		\$41,784
15			\$63,819	\$67,865
16			\$68,965	\$70,957
18	\$86,498	\$63,416	\$28,085	
20				\$84,845
21		\$59,888		
24			\$44,187	\$51,839
25	\$7,860	\$32,097		
26		\$98,860		\$105,483
27	\$51,782	\$40,144		
28	\$72,060	\$86,249	\$110,065	
30	\$59,701	\$109,485		\$87,076
32	\$56,169	\$50,429	\$45,093	\$48,344
35	\$65,106	\$74,339	\$51,185	
37				\$52,855
39		\$82,698	\$60,791	\$70,798
40			\$46,433	\$65,691
41		\$87,048	\$74,841	\$70,293
43	\$43,003			
44	\$72,619	\$53,227	\$70,026	\$80,227
46		\$107,750		\$68,359
47	\$72,798	\$58,281	\$65,613	
48		\$96,343	\$77,578	\$100,211
49	\$45,771	\$28,782	\$81,430	\$68,902
50	\$81,631	\$45,288	\$78,219	\$87,790
51	\$63,443	\$63,385		
52	\$126,762	\$248,502	\$115,212	
53	\$64,554	\$65,706	\$47,931	\$47,721
54		\$87,315	\$125,421	
55			\$31,390	\$70,987
57	\$164,153	\$146,737	\$106,549	\$120,929
58				\$76,015
62			\$69,568	\$68,660
63	\$112,391	\$102,085	\$103,140	\$85,973
66	\$59,258	\$53,210	\$57,370	\$64,058
67	\$84,269		\$70,111	\$82,470
68			\$42,926	\$53,079
71		\$57,797	\$57,616	\$60,050
76	\$50,897	\$48,863	\$59,901	
79	\$106,979	\$99,166	\$96,047	\$70,593
91			\$59,104	
97		\$74,491	\$50,632	\$57,016
431	\$51,978			
461				\$95,962
3249			\$58,318	\$55,543

Description of Calculation

Total direct transportation costs plus total indirect transportation costs, divided by total number of buses (contractor and district).

Importance of Measure

This is a basic measurement of the cost efficiency of a pupil transportation program.

Factors that Influence

- Driver wage and benefit structure; labor contracts
- Cost of the fleet, including fleet replacement plan, facilities, fuel, insurance and maintenance also play a role in the basic cost
- Effectiveness of the routing plan
- Ability to use each bus for more than one route or run each morning and each afternoon
- Bell schedule
- Transportation department input in proposed bell schedule changes
- Maximum riding time allowed and earliest pickup time allowed
- Type of programs served will influence costs

Districts in Best Quartile (2021-2022)

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- Arlington Independent School District
- Broward County Public Schools
- Denver Public Schools
- East Baton Rouge Parish Public Schools
- Fayette County Public Schools
- Hillsborough County Public Schools
- Jefferson County Public Schools (KY)
- Miami-Dade County Public Schools
- Pinellas County Schools