

Bus Count	AM Arrival Time to SDHS	Minutes Idling Before 6:40 AM Departure
1	6:10	30
2	6:14	26
3	6:15	25
4	6:18	22
5	6:19	21
6	6:24	16
7	6:27	13
8	6:27	13
9	6:31	9
10	6:32	8
11	6:32	8
12	6:35	5 minutes or less of idle time
13	6:37	
14	6:37	
15	6:37	
16	6:38	

**EPA reports 1/2 gallon of diesel fuel is emitted per each hour of bus idling time. We used the ratio:*

$$(0.5\text{gal})(? \text{ min}) = (x \text{ gal})(60\text{min})$$

We also used: (daily fuel emission amts)(180 days)(\\$2.79/gal curre

Gallons of Diesel Fuel Emitted During One AM Idle Time	Cost of Bus Idling at SDHS for 1 Year
0.25	\$125.55
0.22	\$110.48
0.21	\$105.46
0.18	\$90.40
0.18	\$90.40
0.13	\$65.29
0.11	\$55.24
0.11	\$55.24
0.08	\$40.18
0.07	\$35.15
0.07	\$35.15
1.61 gallons of diesel fuel emitted each morning	\$808.54 per year for bus idling at SDHS
290 gallons emitted each school year	3+ hours of combined idling time each morning

(not diesel fuel cost)

