

From ID	To ID	Station From	Station To	Rail/Vehicle Composite Distance, mi	*Avg Rail Travel Time, min	**Avg Vehicle Travel Time offpeak, min	**Avg Vehicle Travel Time peak, min	***Vehicle Gas Cost	****Gas/Time Cost	GasPlus/Time Cost	Δ Travel Time Peak, min	Avg Total Boarding	Avg AM Boarding	Avg AM Ridership	Percent Dropoff	Revenue Tied to gas	Revenue Tied to gas/time	Revenue Tied to GasPlus/Time	
1	2	Vienna	Dunn Loring	3.0	4	3	8	0.42	0.84	1.20	4	13682	12998	12998	0.05	\$ 5,459.12	\$ 10,918.24	\$ 15,597.48	
2	3	Dunn Loring	W. Falls Church	2.5	3	2.5	8	0.35	0.93	1.33	5	5310	3983	16980	0.25	\$ 5,943.14	\$ 15,848.37	\$ 22,640.53	
3	4	W. Falls Church	E. Falls Church	2.0	3	2	8	0.28	0.75	1.07	5	10740	8055	25035	0.25	\$ 7,009.91	\$ 18,693.10	\$ 26,704.43	
4	5	E. Falls Church	Arlington TOD	3.5	7	3.5	15	0.49	1.05	1.50	8	4102	3897	28932	0.05	\$ 21,409.90	\$ 37,611.99	\$ 43,398.45	
5	6	Arlington TOD	DC TOD	5.0	12	8	20	0.7	1.17	1.67	8			37937	0.5	\$ 45,524.52	\$ 63,228.50	\$ 63,228.50	
7	8	Franconia	Van Dorn	3.5	5	4	12	0.49	1.18	1.68	7	9543	9066	9066	0.05	\$ 4,442.27	\$ 10,661.44	\$ 15,230.63	
8	9	Van Dorn	King Street	4.0	7	6	12	0.56	0.96	1.37	5	3653	3470	12536	0.05	\$ 7,020.27	\$ 12,034.75	\$ 17,192.50	
9	10	King Street	Braddock Road	1.0	1	2	4	0.14	0.56	0.80	3	9306	3722	25531	0.6	\$ 3,574.31	\$ 14,297.25	\$ 20,424.64	
10	11	Braddock Road	Reagan Airport	3.0	5	4	9	0.42	0.76	1.08	4	4559	3191	28722	0.3	\$ 12,063.28	\$ 21,713.91	\$ 31,019.87	
11	12	Reagan Airport	Crystal City	0.5	2	1	3	0.07	0.11	0.15	1	6739	2696	31418	0.6	\$ 2,199.24	\$ 3,298.86	\$ 4,712.66	
12	13	Crystal City	Pentagon City	0.5	1	2	4	0.07	0.28	0.40	3	15187	1519	32936	0.9	\$ 2,305.55	\$ 9,222.19	\$ 13,174.56	
13	14	Pentagon City	Pentagon	1.0	2	2	5	0.14	0.35	0.50	3	17023	10214	43150	0.4	\$ 6,041.03	\$ 15,102.57	\$ 21,575.10	
14	15	Pentagon	Arlington Cemetary	1.5	3	2	3	0.21	0.21	0.30	0	16999	0	17260	1	\$ 3,624.62	\$ 3,624.62	\$ 5,178.02	
15	5	Arlington Cemetary	Arlington TOD	1.0	4	2	4	0.14	0.14	0.20	0	1866	746	18006	0.6	\$ 7,022.53	\$ 7,022.53	\$ 3,601.30	
16	17	Huntington	Eisenhower Ave.	0.5	1	1	5	0.07	0.35	0.50	4	9184	7806	7806	0.15	\$ 546.45	\$ 2,732.24	\$ 3,903.20	
17	9	Eisenhower Ave.	King Street	1.0	2	2	5	0.14	0.35	0.50	3	2094	1466	9272	0.3	\$ 1,298.11	\$ 3,245.27	\$ 4,636.10	
13	6	Pentagon	DC TOD	3.5	12	4	12	0.49	0.49	0.70	0	16999	0	25890	N/A	\$ 25,631.22	\$ 25,631.22	\$ 18,123.08	
18	19	Shady Grove	Rockville	3.0	4	3	8	0.42	0.84	1.20	4	13856	11778	11778	0.15	\$ 4,946.59	\$ 9,893.18	\$ 14,133.12	
19	20	Rockville	Twinbrook	2.5	4	3	8	0.35	0.70	1.00	4	4812	3850	15627	0.2	\$ 5,469.52	\$ 10,939.04	\$ 15,627.20	
21	22	Twinbrook	White Flint	1.5	2	2	5	0.21	0.53	0.75	3	4773	3341	18968	0.3	\$ 3,983.34	\$ 9,958.36	\$ 14,226.23	
22	23	White Flint	Groevener-Strathmore	1.5	2	2	5	0.21	0.53	0.75	3	4266	2560	21528	0.4	\$ 4,520.86	\$ 11,302.15	\$ 16,145.93	
23	24	Groevener-Strathmore	Medical Center	2.0	4	2	7	0.28	0.49	0.70	3	5876	5288	26816	0.1	\$ 7,508.56	\$ 13,139.99	\$ 18,771.41	
24	25	Medical Center	Bethesda	1.0	1	2	5	0.14	0.70	1.00	4	5866	293	27110	0.95	\$ 3,795.34	\$ 18,976.72	\$ 27,109.60	
25	26	Bethesda	Friendship Heights	1.5	3	2	6	0.21	0.42	0.60	3	10765	4306	31416	0.6	\$ 6,597.28	\$ 13,194.55	\$ 18,849.36	
26	27	Friendship Heights	Tenleytown	1.0	2	2	5	0.14	0.35	0.50	3	9957	5974	37390	0.4	\$ 5,234.57	\$ 13,086.43	\$ 18,694.90	
27	28	Tenleytown	Van Ness	1.0	2	2	4	0.14	0.28	0.40	2	6677	3339	40728	0.5	\$ 5,701.96	\$ 11,403.92	\$ 16,291.32	
28	6	Van Ness	DC TOD	3.5	10	10	18	0.49	0.88	1.26	8	7559	4535	45264	0.4	\$ 44,811.06	\$ 62,554.43	\$ 57,032.26	
29	6	Rhode Island Ave	DC TOD	2.5	10	8	15	0.35	0.53	0.75	5	5227	3136	35724	0.4	\$ 30,365.36	\$ 36,617.05	\$ 26,792.96	
30	29	Brookland	Rhode Island Ave	1.0	2	2	3	0.14	0.21	0.30	1	6576	3946	32588	0.4	\$ 4,562.29	\$ 6,843.43	\$ 9,776.33	
31	30	Fort Totten	Brookland	1.5	2	3	5	0.21	0.53	0.75	3	7364	2946	28642	0.2	\$ 6,014.85	\$ 15,037.13	\$ 21,481.61	
32	31	Takoma	Fort Totten	2.0	3	3	5	0.28	0.47	0.67	2	6488	5190	25697	0.2	\$ 7,195.03	\$ 11,991.72	\$ 17,131.03	
33	32	Silver Spring	Takoma	1.5	3	3	6	0.21	0.42	0.60	3	13471	9430	20506	0.3	\$ 4,306.29	\$ 8,612.58	\$ 12,303.69	
34	33	Forest Glen	Silver Spring	2.0	3	4	7	0.28	0.65	0.93	4	2365	2010	11076	0.15	\$ 3,101.41	\$ 7,236.61	\$ 10,338.02	
35	34	Wheaton	Forest Glen	1.5	3	3	6	0.21	0.42	0.60	3	4472	3801	9066	0.15	\$ 1,903.90	\$ 3,807.80	\$ 5,439.72	
36	35	Glenmont	Wheaton	1.5	3	3	6	0.21	0.42	0.60	3	5850	5265	5265	0.1	\$ 1,105.65	\$ 2,211.30	\$ 3,159.00	
37	38	Branch Ave	Suitland	2.5	3	3	5	0.35	0.58	0.83	2	6660	5994	5994	0.1	\$ 2,097.90	\$ 3,496.50	\$ 4,995.00	
38	39	Suitland	Naylor Rd	1.5	2	2	5	0.21	0.53	0.75	3	6417	5134	11128	0.2	\$ 2,336.80	\$ 5,841.99	\$ 8,345.70	
39	40	Naylor Rd	Southern Ave	1.5	3	2	5	0.21	0.35	0.50	2	3047	2742	13870	0.1	\$ 2,912.68	\$ 4,854.47	\$ 6,934.95	
40	41	Southern Ave	Congress Heights	1.0	2	2	4	0.14	0.28	0.40	2	5778	5200	19070	0.1	\$ 2,669.81	\$ 5,339.63	\$ 7,628.04	
41	42	Congress Heights	Anacostia	1.5	3	3	6	0.21	0.42	0.60	3	2819	2537	21607	0.1	\$ 4,537.51	\$ 9,075.02	\$ 12,964.32	
42	43	Anacostia	Navy Yard	1.5	3	2	8	0.21	0.56	0.80	5	7479	5235	26843	0.3	\$ 5,636.93	\$ 15,031.80	\$ 21,474.00	
43	44	Navy Yard	Waterfront SEU	0.5	2	1	5	0.07	0.18	0.25	3	8249	0	26843	1	\$ 1,878.98	\$ 4,697.44	\$ 6,710.63	
44	6	Waterfront SEU	DC TOD	2.0	8	4	9	0.28	0.32	0.45	1	4236	3177	30020	0.25	\$ 23,415.21	\$ 24,465.89	\$ 13,508.78	
45	6	Columbia Heights	DC TOD	2.0	10	4	15	0.28	0.42	0.60	5	12386	7432	31933	0.4	\$ 24,907.82	\$ 29,378.45	\$ 19,159.86	
46	45	Georgia Ave	Columbia Heights	0.5	2	1	3	0.07	0.11	0.15	1	6027	4219	24502	0.3	\$ 1,715.11	\$ 2,572.66	\$ 3,675.23	
47	46	Fort Totten	Georgia Ave	2.0	3	3	7	0.28	0.65	0.93	4	7364	2946	20283	0.2	\$ 5,679.13	\$ 13,251.30	\$ 18,930.43	
48	47	West Hyattsville	Fort Totten	2.5	4	4	7	0.35	0.61	0.88	3	3855	3470	17337	0.1	\$ 6,067.95	\$ 10,618.91	\$ 15,169.88	
49	48	Prince Georges Plaza	West Hyattsville	1.5	2	2	5	0.21	0.53	0.75	3	5374	4299	13868	0.2	\$ 2,912.18	\$ 7,280.44	\$ 10,400.63	
50	49	College Park	Prince Georges Plaza	2.0	3	3	5	0.28	0.47	0.67	2	4768	3338	9568	0.3	\$ 2,679.12	\$ 4,465.21	\$ 6,378.87	
51	50	Greenbelt	College Park	4.0	3	5	7	0.56	1.31	1.87	4	6923	6231	6231	0.1	\$ 3,489.19	\$ 8,141.45	\$ 11,630.64	
52	6	Stadium Armory	DC TOD	3.0	14	11	20	0.42	0.60	0.86	6	3077	1846	28300	0.4	\$ 26,036.05	\$ 31,130.06	\$ 24,257.19	
53	52	Minnesota Ave	Stadium Armory	2.0	4	3	6	0.28	0.42	0.60	2	3274	2292	15522	0.3	\$ 4,346.24	\$ 6,519.37	\$ 9,313.38	
54	53	Deanwood	Minnesota Ave	1.0	1	2	3	0.14	0.42	0.60	2	1844	1660	13231	0.1	\$ 1,852.27	\$ 5,556.81	\$ 7,938.30	
55	54	Cheverly	Deanwood	2.0	3	4	5	0.28	0.47	0.67	2	1543	1389	11571	0.1	\$ 3,239.85	\$ 5,399.75	\$ 7,713.93	
56	55	Landover	Cheverly	2.0	3	4	5	0.28	0.47	0.67	2	2478	2230	10182	0.1	\$ 2,851.02	\$ 4,751.69	\$ 6,788.13	
57	56	New Carrollton	Landover	1.5	3	3	5	0.21	0.35	0.50	2	9940	7952	7952	0.2	\$ 1,669.92	\$ 2,783.20	\$ 3,976.00	
58	52	Benning Rd	Stadium Armory	2.0	4	3	7	0.28	0.49	0.70	3	3241	2593	13524	0.2	\$ 3,786.82	\$ 6,626.93	\$ 9,467.05	
59	58	Capitol Heights	Benning Rd	1.5	3	2	5	0.21	0.35	0.50	2	2150	1935	10932	0.1	\$ 2,295.63	\$ 3,826.04	\$ 5,465.78	
60	59	Addison Rd	Capitol Heights	1.0	2	2	4	0.14	0.28	0.40	2	3626	3263	8997	0.1	\$ 1,259.52	\$ 2,519.03	\$ 3,598.62	
61	60	Morgan Blvd	Addison Rd	2.0	3	3	5	0.28	0.47	0.67	2	1736	1389	5733	0.2	\$ 1,605.28	\$ 2,675.47	\$ 3,822.10	
62	61	Largo Town Center	Morgan Blvd	2.0	3	3	6	0.28	0.56	0.80	3	5111	4344	4344	0.15	\$ 1,216.42	\$ 2,432.84	\$ 3,475.48	
												DC TOD INTERNAL	341152	102346	102346	0.7	\$ 51,172.80	\$ 61,407.36	\$ 71,641.92
												Arlington TOD INTERNAL	45024	18010	18010	0.4	\$ 4,502.40	\$ 5,402.88	\$ 6,303.36
																Daily Commute Avg	\$ 511,009.84	\$ 831,236.02	\$ 985,312.89
																****Annual Revenue	\$ 337,083,366.98	\$ 537,453,463.99	\$ 637,075,165.40

NOTES:
 * Rail timing determined from WMATA Find Your Route tool for typical hours of service and includes time between stations only.
 ** Vehicle timing determined from google maps for typical freeflow and congested traffic. These times do not include parking time, start up time, and assumes the driver of the car is remaining on the main roads and not having to actually drive from station to station
 *** Vehicle gas cost only includes the pure cost of regular gasoline for a car attaining 25 mpg at a price of \$3.50 for the composite distance traveled. This does not include any costs of depreciation incurred on the vehicle, productivity and time loss in traffic, or other factors such as insurance requirements, liability for accidents, and maintenance expenses. By comparison, this uses a \$0.12 per mile standard as opposed to the \$0.55 expense compensation rate for fare price.
 **** Gas Time/Cost includes a factored benefit for the time saved if a person takes metro instead of driving. The ratio of peak vehicle/rail time is included as a multiplier to the typical gas cost. By comparison, this uses between a \$0.20 and \$0.28 per mile standard as opposed to the \$0.55 expense compensation rate for fare price.
 ***** Gas Plus Time/Cost is a future case condition which considers the introduction of \$5.00 gas and includes a factored benefit for the time saved if a person takes metro instead of driving. The ratio of peak vehicle/rail time is included as a multiplier to the typical gas cost. By comparison, this uses between a \$0.30 and \$0.40 per mile standard as opposed to the \$0.55 expense compensation rate for fare price.