

mobility modes compared : taxi – rental – CarShareHFX

Halifax Taxi Fares		vs.	CarShareHFX			
Return Trips – Excludes: tips, charges for time (traffic, waiting), extra passengers, bridge tolls			\$9.00/hour; \$89 Day rate; gas, insurance, MacPass, 200 km driving			
typical trips between		Purdy's Wharf - Cunard Centre	downtown - Burnside	downtown - Bedford	downtown - airport	downtown - Peggy's Cove
Hours	return distance	3 KM	20 KM	30 KM	66 KM	88 KM
1	carshare	\$9	\$9	\$9	\$9	
	taxi	\$11	\$36	\$51	\$105	
2.5	carshare	\$23	\$23	\$23	\$23	\$23
	taxi	\$11	\$36	\$51	\$105	\$138
5	carshare	\$45	\$45	\$45	\$45	\$45
	taxi	\$11	\$36	\$51	\$105	\$138
6	carshare	\$54	\$54	\$54	\$54	\$54
	taxi	\$11	\$36	\$51	\$105	\$138
18	carshare	\$89	\$89	\$89	\$89	\$89
	taxi	\$11	\$36	\$51	\$105	\$138

Taxi, CarShareHFX

The taxi fare is the Drop Charges (i.e., \$3.00 to start the meter each time) and Mileage (\$1.50 per kilometre). Not included are tips, waiting time (delays in traffic, or any intermediate stops), extra passenger charges (\$0.50 each), or Halifax Bridge tolls (\$1.50 per crossing).

For these shorter trips the CarShareHFX cost is the trip's reserved time. Not included: parking fees, if any, at the destination.

Rental Cars, CarShareHFX

The rental is the weekday rate for a compact car. The rental company collision insurance is declined. One driver, age at least 25. Car must be returned with a full tank of gas. Bridge tolls extra. 24-hour rentals only (i.e., 25 hours = 2 days). Car pick up can only be made during business hours at the rental company's office.

CarShareHFX rates include a 200 km/trip-day allowance. Fuel, tolls included. Reservations in 15 minute increments, 1 hour - 72 hours. Pick up & return any hour, any day, self-serve. Drivers at least 21.

Rental (compact)		vs.	CarShareHFX				
\$39.50/day, gas est. 14¢/km; excess mileage after 200 km, add 14¢/km. collision insurance add \$25			\$9.00/hour; \$89 Day rate; gas, insurance, MacPass, 200 km driving; 32¢/km excess kms				
typical trips between		Halifax - Airport	Halifax - Chester	Halifax - Lunenburg/ Truro/ New Minas	Halifax - Amherst	Halifax - Sydney	
Hours	return distance	66 KM	132 KM	200 KM	392 KM	800 KM	
2	carshare	\$18	\$18	\$18			
	rental	\$49	\$58	\$68			
4	carshare	\$36	\$36	\$36	\$97		
	rental	\$49	\$58	\$68	\$121		
5.5	carshare	\$50	\$50	\$50	\$111		
	rental	\$49	\$58	\$68	\$121		
25	carshare	\$98	\$98	\$98	\$159	\$290	
	rental	\$88	\$97	\$107	\$161	\$275	
70	carshare	\$267	\$267	\$267	\$328	\$459	
	rental	\$128	\$137	\$147	\$200	\$315	

Indirect Costs

All modes incur some "soft" costs. These are often not in a line manager's travel budgets, but will have a real impact on the enterprise bottom line.

- **overheads** for tracking the trip's documents
We have had estimates of enterprise document processing costs from \$20 to up to \$50 per taxi hit. We used \$25, a value at the lower end of the range.
- **employee lost productivity:** time spent accessing the mode (neither work nor travel).

The employee's productivity value to a company is a multiple of their hourly pay. The \$50/hr used might correspond to a salary of \$50,000 - \$70,000 .

overheads, document processing		
	\$25 /item	
chits, bills, per trip	2	\$50.00
carshare invoice per trip	0.5	\$12.50
productivity impact: cost of time not working or travelling		
driver's value	\$50/hr	
Rental	90 min	\$75.00
Taxi	15 min	\$25.00
CarShareHFX	10 min	\$16.67
	pick up & return car	
	wait twice	
	walk to/from car	
indirect costs, per trip		
Rental		\$125
Taxi		\$75
CarShareHFX		\$29

mobility modes compared : taxi – rental – CarShareHFX

line manager's budget

Halifax Taxi Fares		CarShareHFX				
<small>Return Trips – Excludes: tips, charges for time (traffic, waiting), extra passengers, bridge tolls</small>		<small>\$9.00/hour; \$89 Day rate; gas, insurance, MacPass, 200 km driving</small>				
typical trips between	Purdy's Wharf - Cunard Centre	downtown - Burnside	downtown - Bedford	downtown - airport	downtown - Peggy's Cove	
return distance	3 KM	20 KM	30 KM	66 KM	88 KM	
1	carshare \$9 taxi \$11	\$9 \$36	\$9 \$51	\$9 \$105	\$9 \$138	
2.5	carshare \$23 taxi \$11	\$23 \$36	\$23 \$51	\$23 \$105	\$23 \$138	
5	carshare \$45 taxi \$11	\$45 \$36	\$45 \$51	\$45 \$105	\$45 \$138	
6	carshare \$54 taxi \$11	\$54 \$36	\$54 \$51	\$54 \$105	\$54 \$138	
18	carshare \$89 taxi \$11	\$89 \$36	\$89 \$51	\$89 \$105	\$89 \$138	

enterprise bottom line

Taxis vs. CarShareHFX, with indirect costs						
		+\$75	vs.	+\$29		
typical trips between	return distance	Purdy's Wharf - Cunard Centre	downtown - Burnside	downtown - Bedford	downtown - airport	downtown - Peggy's Cove
	Hours	3 KM	20 KM	30 KM	66 KM	88 KM
1	carshare	\$38	\$38	\$38	\$38	
	taxi	\$86	\$111	\$126	\$180	
2.5	carshare	\$52	\$52	\$52	\$52	\$52
	taxi	\$86	\$111	\$126	\$180	\$213
5	carshare	\$74	\$74	\$74	\$74	\$74
	taxi	\$86	\$111	\$126	\$180	\$213
6	carshare	\$83	\$83	\$83	\$83	\$83
	taxi	\$86	\$111	\$126	\$180	\$213
18	carshare	\$118	\$118	\$118	\$118	\$118
	taxi	\$86	\$111	\$126	\$180	\$213

line manager's budget

Rental (compact)		CarShareHFX				
<small>\$39.50/day, gas est. 14¢/km; excess mileage after 200 km, add 14¢/km; collision insurance add \$25</small>		<small>\$9.00/hour; \$89 Day rate; gas, insurance, MacPass, 200 km driving; 32¢/km excess kms</small>				
typical trips between	Halifax - Airport	Halifax - Chester	Halifax - Lunenburg/ Truro/ New Minas	Halifax - Amherst	Halifax - Sydney	
return distance	66 KM	132 KM	200 KM	392 KM	800 KM	
2	carshare \$18 rental \$49	\$18 \$58	\$18 \$68			
4	carshare \$36 rental \$49	\$36 \$58	\$36 \$68	\$97 \$121		
5.5	carshare \$50 rental \$49	\$50 \$58	\$50 \$68	\$111 \$121		
25	carshare \$98 rental \$88	\$98 \$97	\$98 \$107	\$159 \$161	\$290 \$275	
70	carshare \$267 rental \$128	\$267 \$137	\$267 \$147	\$328 \$200	\$459 \$315	

enterprise bottom line

Rentals vs. CarShareHFX, with indirect costs						
		+\$125	vs.	+\$29		
typical trips between	return distance	Halifax - Airport	Halifax - Chester	Halifax - Lunenburg/ Truro/ New Minas	Halifax - Amherst	Halifax - Sydney
	Hours	66 KM	132 KM	200 KM	392 KM	800 KM
2	carshare	\$47	\$47	\$47		
	rental	\$174	\$183	\$193		
4.0	carshare	\$65	\$65	\$65	\$127	
	rental	\$174	\$183	\$193	\$246	
6	carshare	\$79	\$79	\$79	\$140	
	rental	\$174	\$183	\$193	\$246	
25	carshare	\$127	\$127	\$127	\$189	\$319
	rental	\$213	\$222	\$232	\$286	\$400
70	carshare	\$296	\$296	\$296	\$358	\$488
	rental	\$253	\$262	\$272	\$325	\$440