

**Appendix A -
Downtown & Vancouver Mode Shares, 1999 Greater Vancouver Trip Diary Survey**

Results of the most recent population-based mode share data survey in Vancouver are summarized below. This survey looked at changes which occurred between 1994 and 1999, and sampled the entire GVRD area. It was funded and administered by TransLink.

Table 1. Vancouver 24-Hour Trip Origin Shares, 1994-1999

Vancouver						
Auto Driver	49.9%	780,100	45.9%	762,100	-18,000	-2.3%
Auto Passenger	15.3%	238,700	12.7%	210,700	-28,000	-11.7%
Transit	17.7%	276,900	18.8%	311,300	34,400	12.4%
Walk/Bike	16.2%	252,000	21.5%	356,800	104,800	41.6%
Other/Unknown	1.1%	17,100	1.1%	18,100	1,000	0.1%
Total		1,564,800		1,659,000	94,200	6.0%
Auto Occupancy		1.31		1.28		

Vancouver - Breakdown of Walk/Bike Mode

Walk	14.9%	232,400	18.8%	312,400	80,000	34%
Bike	1.3%	19,600	2.7%	44,400	24,800	127%

Table 2. Downtown 24-Hour Trip Origin Shares, 1994-1999

Downtown			
Auto Driver	34.5%	30.6%	-3.9%
Auto Passenger	10.4%	7.9%	-2.5%
Transit	31.6%	26.9%	-4.7%
Walk/Bike	22.0%	33.2%	11.2%
Auto Occupancy	1.3	1.26	

For 1999, the Walk Mode Share was approximately 30%. Further breakdown of the data is not reliable due to the small sample sizes collected in the Downtown.

Appendix B - Target Peak and Daily Volumes for 2021, Vancouver and Sub-areas

Target Peak Volume for 2021					
Mode and Year all trip purposes between 6am - 9am	Downtown	Central Broadway	UBC (4)	Rest of City	All of City
For 1992					
Auto Driver	43,100	15,000	14,700	104,400	177,200
Auto Passenger	8,800	3,000	3,200	35,100	50,200
Transit Passenger	32,000	3,600	5,400	22,800	63,800
Walk and bike (2)	10,300	2,700	3,600	32,600	49,200
Total (all modes)	94,700	24,600	26,900	194,900	342,100
Auto Occupancy (3)	1.21	1.2	1.22	1.34	1.28
For 2021					
Auto Driver	38,700	12,000	12,000	112,800	175,500
Auto Passenger	11,900	3,700	5,300	39,900	60,800
Transit Passenger	52,400	11,600	12,500	33,000	109,500
Walk and bike (2)	16,800	3,700	4,600	39,700	64,800
Total (all modes)	120,400	30,900	34,400	225,400	411,100
Auto Occupancy (3)	1.31	1.3	1.44	1.35	1.35

Source: Based on estimates from GVRD "Transport 2021"

Totals may not sum because of rounding and "other modes" not indicated

(1) Total trip numbers from Transport 2021 mode split numbers derived in part for the targets in table 2.1

(2) Data available for walk and bike together.

(3) Number of people per vehicle.

(4) UBC estimates approximate as residential expansion yet to be decided.

Target Peak Volumes (percentage) for 2021					
Mode and Year all trip purposes between 6am - 9am	Downtown %	Central Broadway %	UBC %	Rest of City %	All of City %
For 1992					
Auto Driver	46	62	55	53	52
Auto Passenger	9	12	12	18	15
Transit Driver	34	15	20	12	19
Walk (1)	9	9	7	14	11
Bike (1)	2	2	6	3	3
Total (all modes)	100	100	100	100	100
Auto Occupancy (2)	1.21	1.2	1.22	1.34	1.28
For 2021					
Auto Driver	32	39	35	50	43
Auto Passenger	10	12	15	18	15
Transit Passenger	44	38	36	15	27
Walk (1)	10	9	10	14	12
Bike (1)	4	3	4	4	4
Total (all modes)	100	100	100	100	100
Auto Occupancy (2)	1.31	1.3	1.44	1.35	1.35

Source: 1992 transportation mode percentages are based on estimates from GVRD "Transport 2021"

Totals may not sum because of rounding and "other modes" not included

(1) Data available for walk and bike together, split is an estimation

**Appendix B -
Target Peak and Daily Volumes for 2021, Vancouver and Sub-areas**

Target Daily Volume for				
Mode and Year	Downtown	Central Broadway	UBC (4)	Rest of City
all trip purposes between 6am - 9am	%	%	%	%
Fig. 14.92				
Auto Driver	49	n/a	59	53
Auto Passenger	13	n/a	18	18
Transit Passenger	23	n/a	14	11
Walk and Bike	15	n/a	9	18
Total (all modes)	100	n/a	100	100
Auto Occupancy (2)	1.27	n/a	1.31	1.34
Auto Driver	36	45	41	46
Auto Passenger	12	15	16	16
Transit Passenger	34	25	33	19
Walk and Bike	18	15	10	19
Total (all modes)	100	100	100	100
Auto Occupancy (2)	1.33	1.33	1.39	1.35

Totals may not sum because of rounding and "other modes" not included

(1) Number of people per vehicle