

Road Population

	Traffic Volume (km)	Designed Speed (km/h)	Motorcycle	Private Car	Taxi	Private Light Bus	Public Light Bus	Light goods vehicles	Medium/ Heavy goods vehicles	Non-franchised Buses	Franchised Bus (Signal deck)	Franchised Bus (double deck)	Total
North Lantau Highway													
North Lantau Highway WB	5.25	80	71	3751	1244	29	0	568	393	214	3	93	6366
North Lantau Highway EB	5.25	80	61	3373	1002	25	0	621	456	180	3	107	5828
Total Vehicle per hour	-	-	132	7124	2246	54	0	1189	849	394	6	200	12194
Person per vehicle ^[1]	-	-	1.10	1.90	2.20	8.00	8.00	1.70	1.30	34.70	29.00	65.50	-
Person	-	-	10	888	324	28	0	133	72	897	11	860	3224
Person (%)	-	-	0%	28%	10%	1%	0%	4%	2%	28%	0%	27%	100%

Cheung Tung Road													
Cheung Tung Road WB	5.25	50	0	65	46	11	0	26	46	19	0	4	217
Cheung Tung Road EB	5.25	50	0	64	46	11	0	26	45	19	0	4	215
Total Vehicle per hour	-	-	0	129	92	22	0	52	91	38	0	8	432
Person per vehicle ^[1]	-	-	1.10	1.90	2.20	8.00	8.00	1.70	1.30	34.70	29.00	65.50	-
Person	-	-	0	26	21	18	0	9	12	138	0	55	279
Person (%)	-	-	0%	9%	8%	6%	0%	3%	4%	49%	0%	20%	100%

Eastern connection access on Sham Shui Kok Drive													
Eastern connection access on Sham Shui Kok Drive WB	1.49	50	0	75	53	13	0	30	53	22	0	5	250
Eastern connection access on Sham Shui Kok Drive EB	1.49	50	0	75	53	13	0	30	53	22	0	5	250
Total Vehicle per hour	-	-	0	150	106	25	0	60	106	44	0	9	500
Person per vehicle ^[1]	-	-	1.10	1.90	2.20	8.00	8.00	1.70	1.30	34.70	29.00	65.50	-
Person	-	-	0	8	7	6	0	3	4	45	0	18	91
Person (%)	-	-	0%	9%	8%	7%	0%	3%	4%	49%	0%	20%	100%

Note

[1]: Person per vehicle is based on the occupancy in Year 2015 from Lantau Link (Core Station 5027) from Transport Department - The Annual Traffic Census 2015

Railway Population

	TCL	AEL
(a) No. of persons per hour	88,000	20,000
(b) Speed (km/h)	100	135
(c) Railway population per km (a)/(b)	880	148

(d) Total on train population (persons per km) (sum of (c))	1028
(e) Distance of track within the influence zone (km)	5.25
(f) Total railway population within the influence zone (d)X(e)	5398

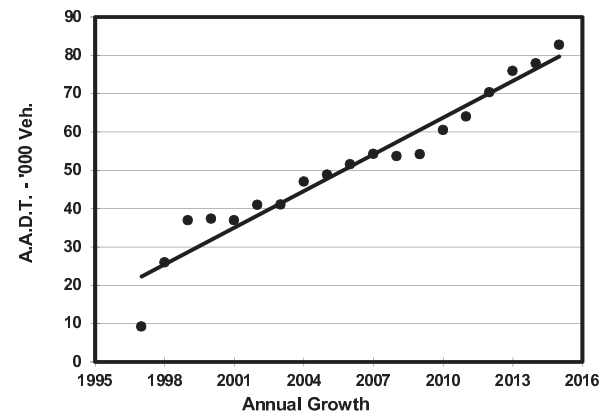
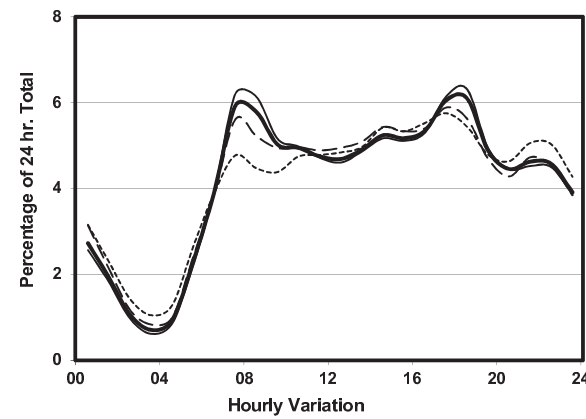
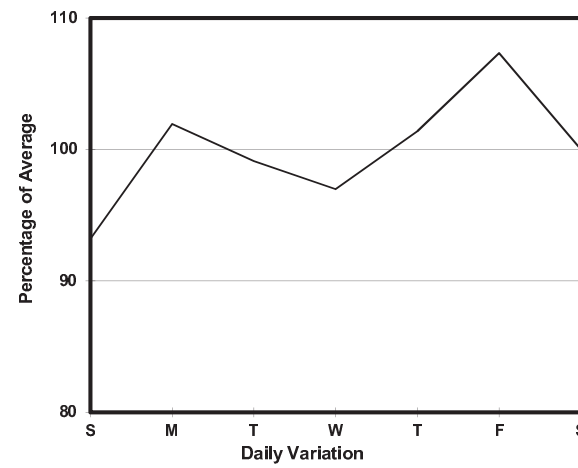
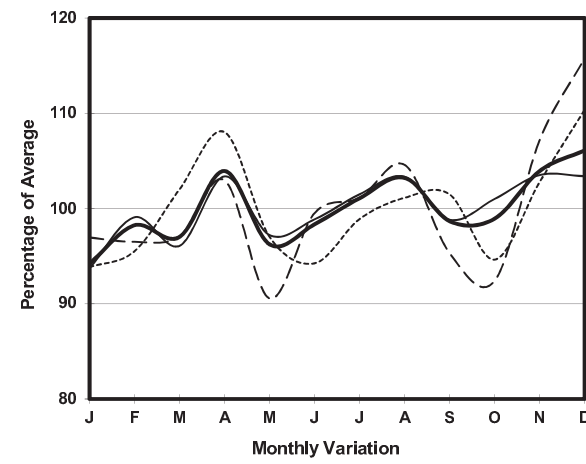
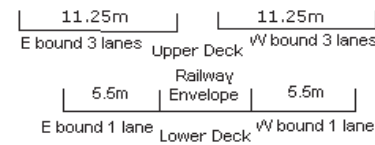
Data of Core Station 5027 Extracted from Traffic Census 2015

YEAR 2015
 ORESTATION 5027
 ROAD NETWORK MAJOR
 ROAD TYPE EXPRESSWAY

LINK LANTAU LINK (from TSING MA BRIDGE EASTERN END AT TSING YI to NGONG SHUEN AU)

**Core Station 5027
 Year 2015**

1. TRAFFIC FLOW VARIATION AND GROWTH



— All day — Mon.-Fri. - - - Sat. - - - - Sun.

2. TRAFFIC CHARACTERISTICS (BY DIRECTION)

Parameter	All - Day	Mon. - Fri.	Sat.	Sun.
EAST BOUND				
A.A.D.T.	41180	41820	41470	38680
R 12 / 24 - %	62.6	63.4	62	58.7
R 16 / 24 - %	82	82.6	81	79.7
AM Peak Hour	0800-0900	0800-0900	0800-0900	0800-0900
One-way flow at AM peak hour	1930	2030	1870	1550
T - % (AM)	-	17.1	-	-
PM Peak Hour	1800-1900	1800-1900	1700-1800	1800-1900
One-way flow at PM peak hour	3090	3320	2730	2400
T - % (PM)	-	18.7	-	-
Prop.of commercial vehicles - 16 hr.	-	19.3	-	-
WEST BOUND				
A.A.D.T.	41520	42260	41250	39060
R 12 / 24 - %	65.3	66	64.7	62.2
R 16 / 24 - %	83	83.6	82.2	80.2
AM Peak Hour	0700-0800	0700-0800	0700-0800	0700-0800
One-way flow at AM peak hour	3060	3270	2930	2210
T - % (AM)	-	21.2	-	-
PM Peak Hour	1700-1800	1700-1800	1700-1800	1700-1800
One-way flow at PM peak hour	2190	2220	2140	2140
T - % (PM)	-	22.7	-	-
Prop.of commercial vehicles - 16 hr.	-	21.7	-	-

3. OTHER INFORMATION AND COMMENT

4. Vehicle classification and occupancy - Monday to Friday

Time		Class of vehicle									
		Motor Cycle	Private Car	Taxi	Private LB	PLB	Goods veh.		Non Fr. Bus	Fr. Bus	
							Light	M & H		Fr. Bus	SD
0700-0800	Pro	2.6	35.4	35.1	0.2	0.0	9.0	8.1	5.2	0.1	4.4
	Ocp	1.0	1.6	1.8	8.0	0.0	1.4	1.1	31.4	18.8	53.2
0800-0900	Pro	1.6	44.3	25.6	0.4	0.0	11.6	9.4	3.4	0.1	3.6
	Ocp	1.0	1.5	1.8	4.6	0.0	1.5	1.3	20.1	29.0	65.5
0900-1000	Pro	1.0	37.8	23.4	0.2	0.0	15.9	14.2	2.9	0.1	4.3
	Ocp	1.0	1.4	2.1	3.5	0.0	1.3	1.2	13.4	11.6	31.4
1000-1100	Pro	0.7	32.2	28.4	0.6	0.0	16.8	14.3	2.5	0.1	4.2
	Ocp	1.0	1.6	2.1	2.7	0.0	1.5	1.2	7.5	20.0	26.8
1100-1200	Pro	1.2	34.0	22.7	0.3	0.0	16.7	17.3	3.1	0.1	4.5
	Ocp	1.0	1.7	2.2	3.3	0.0	1.4	1.3	8.0	15.3	23.9
1200-1300	Pro	1.2	33.0	26.7	0.5	0.0	13.9	16.9	3.5	0.1	4.1
	Ocp	1.0	1.9	2.2	2.0	0.0	1.4	1.2	8.3	14.3	24.1
1300-1400	Pro	1.2	36.3	20.7	0.3	0.0	17.0	16.2	3.5	0.1	4.6
	Ocp	1.1	1.6	2.2	6.7	0.0	1.5	1.3	7.8	9.7	32.3
1400-1500	Pro	1.0	39.4	25.1	0.3	0.0	14.1	12.9	3.2	0.1	4.0
	Ocp	1.0	1.6	2.1	1.3	0.0	1.4	1.3	10.4	11.3	31.4
1500-1600	Pro	0.7	36.4	24.0	0.4	0.0	17.3	14.6	2.2	0.1	4.3
	Ocp	1.0	1.6	2.0	3.8	0.0	1.6	1.2	9.1	17.3	26.3
1600-1700	Pro	0.9	37.0	27.4	0.8	0.0	13.4	12.4	4.2	0.1	3.8
	Ocp	1.0	1.8	2.0	3.0	0.0	1.7	1.2	10.7	19.8	36.1
1700-1800	Pro	2.5	36.1	26.8	0.4	0.0	13.4	11.8	5.0	0.1	4.0
	Ocp	1.1	1.8	2.0	2.0	0.0	1.6	1.3	20.3	20.0	46.0
1800-1900	Pro	2.7	50.0	18.8	0.1	0.0	9.2	9.7	5.6	0.1	3.9
	Ocp	1.1	1.4	2.1	2.0	0.0	1.3	1.1	23.9	25.0	55.9
1900-2000	Pro	1.4	42.9	26.6	0.1	0.0	8.5	11.0	4.9	0.1	4.5
	Ocp	1.0	1.6	2.2	3.0	0.0	1.4	1.2	15.0	21.8	45.3
2000-2100	Pro	0.7	35.8	34.4	0.1	0.0	7.9	13.8	2.8	0.1	4.5
	Ocp	1.0	1.7	2.0	1.0	0.0	1.3	1.2	34.7	27.0	31.6
2100-2200	Pro	0.5	41.5	35.0	0.6	0.0	5.1	10.8	2.0	0.1	4.4
	Ocp	1.0	1.7	2.0	2.0	0.0	1.2	1.1	10.8	19.0	33.7
2200-2300	Pro	0.5	38.4	39.6	0.1	0.0	4.6	10.4	1.8	0.1	4.5
	Ocp	1.0	1.5	1.9	1.0	0.0	1.5	1.1	15.4	22.0	30.7
16 hours	Pro	1.3	38.4	27.3	0.3	0.0	12.2	12.6	3.6	0.1	4.2
	Ocp	1.0	1.6	2.0	3.1	0.0	1.4	1.2	16.9	18.9	37.8

Legend

- Pro.** Proportion of vehicles in % (Sum may not add up to 100% due to figure rounding)*
- Ocp.** Average occupancy of vehicles including both driver and passengers*
- M&H** Medium and Heavy
- *** All traffic data are collected from combined bounds except for one way traffic