

Table 1 Summary of Population Data

| Population ID | Description | Maximum Population | | | | Occupancy | | | | Population (Year 2026 Base) | | | |
|---------------|---|---------------------|--------------------------------|---------------------|--------------------------------|----------------|----------------|--------------------------|--------------------------|-----------------------------|----------------|--------------------------|--------------------------|
| | | Year 2026 (base) | Year 2026 (with Project) | Year 2031 (base) | Year 2031 (with Project) | Weekday Day | Weekend Day | Night (1900- 2300) | Night (2300- 0700) | Weekday Day | Weekend Day | Night (1900- 2300) | Night (2300- 0700) |
| 1 | Tuen Mun Road Safety Town | 108 | 0 | 108 | 108 | 1 | 1 | 1 | 0 | 108 | 108 | 108 | 0 |
| 2 | Open Car Park | 20 | 0 | 20 | 20 | 1 | 1 | 1 | 1 | 20 | 20 | 20 | 20 |
| 3 | Promenade | 10 | 0 | 10 | 10 | 1 | 1 | 1 | 1 | 10 | 10 | 10 | 10 |
| 4 | Tuen Mun Area 44 Joint User Complex and Wholesale Fish Market | 147 | 147 | 147 | 147 | - | - | - | - | 20 | 20 | 147 | 147 |
| 5 | Wu Shan Tennis Court | 12 | 12 | 12 | 12 | 1 | 1 | 1 | 0 | 12 | 12 | 12 | 0 |
| 6 | Tuen Mun Wu Hong Clinic | 193 | 193 | 193 | 193 | 1 | 0.25 | 0 | 0 | 193 | 49 | 0 | 0 |
| 7 | Light Rail | 296 | 296 | 296 | 296 | 1 | 1 | 1 | 0.5 | 296 | 296 | 296 | 148 |
| 8a | Hoi Wong Road | 26 | 26 | 26 | 26 | - | - | - | - | 26 | 26 | 13 | 13 |
| 8b | Wu Shan Road | 7 | 7 | 7 | 7 | - | - | - | - | 7 | 7 | 4 | 4 |
| 8c | Wu Hong Street | 1 | 1 | 1 | 1 | - | - | - | - | 1 | 1 | 1 | 1 |
| 9a | Land WA 5.4 | 0 | 10 | 0 | 0 | 1 | 0.5 | 0.1 | 0.1 | 0 | 0 | 0 | 0 |
| 9b | Land WA 5.5 | 0 | 40 | 0 | 0 | 1 | 0.5 | 0.1 | 0.1 | 0 | 0 | 0 | 0 |
| 10a | Lands WS 5.2, 5.3 & 5.6 | 0 | 88 | 0 | 0 | 1 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10b | Land WS 5.8 | 0 | 12 | 0 | 0 | 1 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | TME Rail Population | 0 | 0 | 0 | 932 | - | - | - | - | 0 | 0 | 0 | 0 |

Table 1 Summary of Population Data

| Population ID | Description | Population (Year 2026 with Project) | | | | Population (Year Year 2031 Base) | | | | Population (Year Year 2031 with Project) | | | |
|---------------|---|-------------------------------------|-------------|-------------------|-------------------|----------------------------------|-------------|-------------------|-------------------|--|-------------|-------------------|-------------------|
| | | Weekday Day | Weekend Day | Night (1900-2300) | Night (2300-0700) | Weekday Day | Weekend Day | Night (1900-2300) | Night (2300-0700) | Weekday Day | Weekend Day | Night (1900-2300) | Night (2300-0700) |
| 1 | Tuen Mun Road Safety Town | 0 | 0 | 0 | 0 | 108 | 108 | 108 | 0 | 108 | 108 | 108 | 0 |
| 2 | Open Car Park | 0 | 0 | 0 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 3 | Promenade | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 4 | Tuen Mun Area 44 Joint User Complex and Wholesale Fish Market | 20 | 20 | 147 | 147 | 20 | 20 | 147 | 147 | 20 | 20 | 147 | 147 |
| 5 | Wu Shan Tennis Court | 12 | 12 | 12 | 0 | 12 | 12 | 12 | 0 | 12 | 12 | 12 | 0 |
| 6 | Tuen Mun Wu Hong Clinic | 193 | 49 | 0 | 0 | 193 | 49 | 0 | 0 | 193 | 49 | 0 | 0 |
| 7 | Light Rail | 296 | 296 | 296 | 148 | 296 | 296 | 296 | 148 | 296 | 296 | 296 | 148 |
| 8a | Hoi Wong Road | 26 | 26 | 13 | 13 | 26 | 26 | 13 | 13 | 26 | 26 | 13 | 13 |
| 8b | Wu Shan Road | 7 | 7 | 4 | 4 | 7 | 7 | 4 | 4 | 7 | 7 | 4 | 4 |
| 8c | Wu Hong Street | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9a | Land WA 5.4 | 10 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9b | Land WA 5.5 | 40 | 20 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10a | Lands WS 5.2, 5.3 & 5.6 | 88 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10b | Land WS 5.8 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | TME Rail Population | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 932 | 932 | 932 | 666 |

Table 1 Summary of Population Data

| Population ID | Description | Protection Factor * | Population (Year 2026 Base)_FF,JF | | | | Population (Year 2026 with Project)_FF,JF | | | | Population (Year 2031 Base)_FF,JF | | | |
|---------------|---|---------------------|-----------------------------------|-------------|-------------------|-------------------|---|-------------|-------------------|-------------------|-----------------------------------|-------------|-------------------|-------------------|
| | | | Weekday Day | Weekend Day | Night (1900-2300) | Night (2300-0700) | Weekday Day | Weekend Day | Night (1900-2300) | Night (2300-0700) | Weekday Day | Weekend Day | Night (1900-2300) | Night (2300-0700) |
| 1 | Tuen Mun Road Safety Town | 0 | 108 | 108 | 108 | 0 | 0 | 0 | 0 | 108 | 108 | 108 | 0 | |
| 2 | Open Car Park | 0 | 20 | 20 | 20 | 20 | 0 | 0 | 0 | 20 | 20 | 20 | 20 | |
| 3 | Promenade | 0 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | |
| 4 | Tuen Mun Area 44 Joint User Complex and Wholesale Fish Market | 0 | 20 | 20 | 147 | 147 | 20 | 20 | 147 | 147 | 20 | 20 | 147 | 147 |
| 5 | Wu Shan Tennis Court | 0 | 12 | 12 | 12 | 0 | 12 | 12 | 12 | 12 | 12 | 12 | 0 | |
| 6 | Tuen Mun Wu Hong Clinic | 0 | 193 | 49 | 0 | 0 | 193 | 49 | 0 | 193 | 49 | 0 | 0 | |
| 7 | Light Rail | 0 | 296 | 296 | 296 | 148 | 296 | 296 | 296 | 148 | 296 | 296 | 148 | |
| 8a | Hoi Wong Road | 0 | 26 | 26 | 13 | 13 | 26 | 26 | 13 | 13 | 26 | 26 | 13 | 13 |
| 8b | Wu Shan Road | 0 | 7 | 7 | 4 | 4 | 7 | 7 | 4 | 4 | 7 | 7 | 4 | 4 |
| 8c | Wu Hong Street | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9a | Land WA 5.4 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | 1 | 1 | 0 | 0 | 0 | 0 |
| 9b | Land WA 5.5 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | 4 | 4 | 0 | 0 | 0 | 0 |
| 10a | Lands WS 5.2, 5.3 & 5.6 | 0 | 0 | 0 | 0 | 0 | 88 | 44 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10b | Land WS 5.8 | 0 | 0 | 0 | 0 | 0 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | TME Rail Population | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Remark:

* Protection Factor denotes the fraction of population protected from flash fire and jet fire by being on the upper floors of building. Details please refer to Sections 11.7.24-11.7.25.

Table 1 Summary of Population Data

| Population ID | Description | Population (Year 2031 with Project)_FF,JF | | | |
|---------------|---|---|-------------|-------------------|-------------------|
| | | Weekday Day | Weekend Day | Night (1900-2300) | Night (2300-0700) |
| 1 | Tuen Mun Road Safety Town | 108 | 108 | 108 | 0 |
| 2 | Open Car Park | 20 | 20 | 20 | 20 |
| 3 | Promenade | 10 | 10 | 10 | 10 |
| 4 | Tuen Mun Area 44 Joint User Complex and Wholesale Fish Market | 20 | 20 | 147 | 147 |
| 5 | Wu Shan Tennis Court | 12 | 12 | 12 | 0 |
| 6 | Tuen Mun Wu Hong Clinic | 193 | 49 | 0 | 0 |
| 7 | Light Rail | 296 | 296 | 296 | 148 |
| 8a | Hoi Wong Road | 26 | 26 | 13 | 13 |
| 8b | Wu Shan Road | 7 | 7 | 4 | 4 |
| 8c | Wu Hong Street | 1 | 1 | 1 | 1 |
| 9a | Land WA 5.4 | 0 | 0 | 0 | 0 |
| 9b | Land WA 5.5 | 0 | 0 | 0 | 0 |
| 10a | Lands WS 5.2, 5.3 & 5.6 | 0 | 0 | 0 | 0 |
| 10b | Land WS 5.8 | 0 | 0 | 0 | 0 |
| 11 | TME Rail Population | 0 | 0 | 0 | 0 |

Table 2 Calculation of Road Population

Road Population

| | Road Length (km) | Designed Speed (km/h) | Traffic Flow (veh/hr) at Daytime (Year 2026) | | | | | | | | | | Total |
|-----------------------------------|------------------|-----------------------|--|-------------|------|-------------------|------------------|---------------------|------------------------------|--------------------|------------------------------|------------------------------|-------|
| | | | Motorcycle | Private Car | Taxi | Private Light Bus | Public Light Bus | Light Goods Vehicle | Medium/ Heavy Goods Vehicles | Non-franchised Bus | Franchised Bus (Single Deck) | Franchised Bus (Double Deck) | |
| Hoi Wong Road | | | | | | | | | | | | | |
| Hoi Wong Road (NB) | 0.33 | 50 | 17 | 461 | 89 | 7 | 5 | 55 | 63 | 32 | 1 | 26 | 755 |
| Hoi Wong Road (SB) | 0.33 | 50 | 13 | 351 | 67 | 6 | 5 | 59 | 67 | 24 | 0 | 20 | 612 |
| Total Vehicle per hour | - | - | 31 | 811 | 156 | 13 | 11 | 113 | 130 | 55 | 1 | 46 | 1367 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.2 | 7.5 | 2.1 | 0.3 | 1.0 | 1.0 | 0.9 | 4.1 | 0.1 | 8.7 | 26 |
| Person (%) | - | - | 1% | 29% | 8% | 1% | 4% | 4% | 4% | 16% | 0% | 33% | 100% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Shan Road | | | | | | | | | | | | | |
| Wu Shan Road (WB) | 0.23 | 50 | 5 | 135 | 26 | 2 | 0 | 17 | 19 | 9 | 0 | 8 | 222 |
| Wu Shan Road (EB) | 0.23 | 50 | 8 | 212 | 40 | 3 | 0 | 34 | 32 | 14 | 0 | 6 | 350 |
| Total Vehicle per hour | - | - | 13 | 347 | 67 | 6 | 0 | 51 | 51 | 24 | 0 | 14 | 572 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.1 | 2.2 | 0.6 | 0.1 | 0.0 | 0.3 | 0.3 | 1.2 | 0.0 | 1.8 | 7 |
| Person (%) | - | - | 1% | 32% | 9% | 1% | 0% | 5% | 4% | 17% | 0% | 26% | 95% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Hong Street | | | | | | | | | | | | | |
| Wu Hong Street | 0.05 | 50 | 7 | 174 | 33 | 3 | 0 | 25 | 26 | 12 | 0 | 7 | 286 |
| Total Vehicle per hour | - | - | 7 | 174 | 33 | 3 | 0 | 25 | 26 | 12 | 0 | 7 | 286 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 1 |
| Person (%) | - | - | 1% | 24% | 7% | 1% | 0% | 4% | 3% | 13% | 0% | 19% | 72% |

Note:

[1] Person per vehicle is based on the occupancy in Year 2019 from Screenline Y-Y from Transport Department - The Annual Traffic Census 2019

Road Population

| | Road Length (km) | Designed Speed (km/h) | Traffic Flow (veh/hr) at Night-time (Year 2026) | | | | | | | | | | Total |
|-----------------------------------|------------------|-----------------------|---|-------------|------|-------------------|------------------|---------------------|------------------------------|--------------------|------------------------------|------------------------------|-------|
| | | | Motorcycle | Private Car | Taxi | Private Light Bus | Public Light Bus | Light Goods Vehicle | Medium/ Heavy Goods Vehicles | Non-franchised Bus | Franchised Bus (Single Deck) | Franchised Bus (Double Deck) | |
| Hoi Wong Road | | | | | | | | | | | | | |
| Hoi Wong Road (NB) | 0.33 | 50 | 9 | 238 | 53 | 1 | 3 | 11 | 9 | 13 | 0 | 11 | 349 |
| Hoi Wong Road (SB) | 0.33 | 50 | 7 | 198 | 43 | 1 | 3 | 12 | 10 | 11 | 0 | 11 | 295 |
| Total Vehicle per hour | - | - | 16 | 436 | 96 | 2 | 5 | 23 | 19 | 24 | 1 | 22 | 644 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.1 | 4.0 | 1.3 | 0.0 | 0.5 | 0.2 | 0.1 | 1.8 | 0.1 | 4.2 | 13 |
| Person (%) | - | - | 1% | 31% | 10% | 0% | 4% | 2% | 1% | 14% | 1% | 32% | 95% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Shan Road | | | | | | | | | | | | | |
| Wu Shan Road (WB) | 0.23 | 50 | 3 | 66 | 15 | 0 | 0 | 3 | 3 | 4 | 0 | 4 | 97 |
| Wu Shan Road (EB) | 0.23 | 50 | 4 | 123 | 27 | 0 | 0 | 7 | 6 | 6 | 0 | 3 | 176 |
| Total Vehicle per hour | - | - | 7 | 189 | 41 | 1 | 0 | 10 | 9 | 10 | 0 | 7 | 274 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.0 | 1.2 | 0.4 | 0.0 | 0.0 | 0.1 | 0.0 | 0.5 | 0.0 | 0.9 | 4 |
| Person (%) | - | - | 1% | 30% | 10% | 0% | 0% | 2% | 1% | 13% | 0% | 22% | 79% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Hong Street | | | | | | | | | | | | | |
| Wu Hong Street | 0.05 | 50 | 3 | 94 | 21 | 0 | 0 | 5 | 4 | 5 | 0 | 3 | 137 |
| Total Vehicle per hour | - | - | 3 | 94 | 21 | 0 | 0 | 5 | 4 | 5 | 0 | 3 | 137 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 1 |
| Person (%) | - | - | 0% | 13% | 4% | 0% | 0% | 1% | 0% | 6% | 0% | 9% | 34% |

Note:

[1] Person per vehicle is based on the occupancy in Year 2019 from Screenline Y-Y from Transport Department - The Annual Traffic Census 2019

Table 2 Calculation of Road Population

| | Road Length (km) | Designed Speed (km/h) | Traffic Flow (veh/hr) at Daytime (Year 2031) | | | | | | | | | | |
|-----------------------------------|------------------|-----------------------|--|-------------|------|-------------------|------------------|---------------------|------------------------------|--------------------|------------------------------|------------------------------|-------|
| | | | Motorcycle | Private Car | Taxi | Private Light Bus | Public Light Bus | Light Goods Vehicle | Medium/ Heavy Goods Vehicles | Non-franchised Bus | Franchised Bus (Single Deck) | Franchised Bus (Double Deck) | Total |
| Hoi Wong Road | | | | | | | | | | | | | |
| Hoi Wong Road (NB) | 0.33 | 50 | 19 | 513 | 99 | 8 | 5 | 68 | 63 | 35 | 1 | 26 | 838 |
| Hoi Wong Road (SB) | 0.33 | 50 | 11 | 288 | 55 | 5 | 5 | 53 | 50 | 20 | 0 | 20 | 507 |
| Total Vehicle per hour | - | - | 30 | 801 | 154 | 13 | 11 | 122 | 113 | 55 | 1 | 46 | 1345 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.2 | 7.4 | 2.0 | 0.3 | 1.0 | 1.1 | 0.8 | 4.0 | 0.1 | 8.7 | 26 |
| Person (%) | - | - | 1% | 28% | 8% | 1% | 4% | 4% | 3% | 16% | 0% | 33% | 99% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Shan Road | | | | | | | | | | | | | |
| Wu Shan Road (WB) | 0.23 | 50 | 5 | 141 | 27 | 2 | 0 | 17 | 16 | 10 | 0 | 8 | 227 |
| Wu Shan Road (EB) | 0.23 | 50 | 8 | 222 | 42 | 4 | 0 | 34 | 32 | 15 | 0 | 6 | 363 |
| Total Vehicle per hour | - | - | 14 | 363 | 70 | 6 | 0 | 51 | 47 | 25 | 0 | 14 | 590 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.1 | 2.3 | 0.6 | 0.1 | 0.0 | 0.3 | 0.2 | 1.3 | 0.0 | 1.8 | 7 |
| Person (%) | - | - | 1% | 33% | 9% | 1% | 0% | 5% | 3% | 18% | 0% | 26% | 97% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Hong Street | | | | | | | | | | | | | |
| Wu Hong Street | 0.05 | 50 | 7 | 182 | 35 | 3 | 0 | 25 | 24 | 12 | 0 | 7 | 295 |
| Total Vehicle per hour | - | - | 7 | 182 | 35 | 3 | 0 | 25 | 24 | 12 | 0 | 7 | 295 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 1 |
| Person (%) | - | - | 1% | 25% | 7% | 1% | 0% | 4% | 3% | 14% | 0% | 19% | 74% |

Note:

[1] Person per vehicle is based on the occupancy in Year 2019 from Screenline Y-Y from Transport Department - The Annual Traffic Census 2019

Road Population

| | Road Length (km) | Designed Speed (km/h) | Traffic Flow (veh/hr) at Night-time (Year 2031) | | | | | | | | | | |
|-----------------------------------|------------------|-----------------------|---|-------------|------|-------------------|------------------|---------------------|------------------------------|--------------------|------------------------------|------------------------------|-------|
| | | | Motorcycle | Private Car | Taxi | Private Light Bus | Public Light Bus | Light Goods Vehicle | Medium/ Heavy Goods Vehicles | Non-franchised Bus | Franchised Bus (Single Deck) | Franchised Bus (Double Deck) | Total |
| Hoi Wong Road | | | | | | | | | | | | | |
| Hoi Wong Road (NB) | 0.33 | 50 | 10 | 268 | 59 | 1 | 3 | 14 | 12 | 15 | 0 | 11 | 393 |
| Hoi Wong Road (SB) | 0.33 | 50 | 6 | 159 | 35 | 1 | 3 | 11 | 9 | 9 | 0 | 11 | 242 |
| Total Vehicle per hour | - | - | 16 | 427 | 94 | 2 | 5 | 25 | 21 | 23 | 1 | 22 | 635 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.1 | 3.9 | 1.2 | 0.0 | 0.5 | 0.2 | 0.1 | 1.7 | 0.1 | 4.2 | 13 |
| Person (%) | - | - | 1% | 30% | 10% | 0% | 4% | 2% | 1% | 13% | 1% | 32% | 94% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Shan Road | | | | | | | | | | | | | |
| Wu Shan Road (WB) | 0.23 | 50 | 3 | 69 | 15 | 0 | 0 | 3 | 3 | 4 | 0 | 4 | 102 |
| Wu Shan Road (EB) | 0.23 | 50 | 5 | 128 | 28 | 0 | 0 | 7 | 6 | 7 | 0 | 3 | 184 |
| Total Vehicle per hour | - | - | 7 | 197 | 43 | 1 | 0 | 10 | 9 | 11 | 0 | 7 | 285 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.0 | 1.3 | 0.4 | 0.0 | 0.0 | 0.1 | 0.0 | 0.6 | 0.0 | 0.9 | 4 |
| Person (%) | - | - | 1% | 32% | 10% | 0% | 0% | 2% | 1% | 14% | 0% | 22% | 82% |

| | | | | | | | | | | | | | |
|-----------------------------------|------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|
| Wu Hong Street | | | | | | | | | | | | | |
| Wu Hong Street | 0.05 | 50 | 4 | 99 | 22 | 0 | 0 | 5 | 4 | 5 | 0 | 3 | 143 |
| Total Vehicle per hour | - | - | 4 | 99 | 22 | 0 | 0 | 5 | 4 | 5 | 0 | 3 | 143 |
| Person per vehicle ^[1] | - | - | 1.1 | 1.4 | 2 | 3.4 | 14 | 1.4 | 1.1 | 11.2 | 18.9 | 28.5 | - |
| No. of Person | - | - | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 1 |
| Person (%) | - | - | 0% | 14% | 4% | 0% | 0% | 1% | 0% | 6% | 0% | 9% | 35% |

Note:

[1] Person per vehicle is based on the occupancy in Year 2019 from Screenline Y-Y from Transport Department - The Annual Traffic Census 2019

Table 3 Calculation of Railway Population

Railway Population

| | Light Rail (Route 507) | Light Rail (Route 614, 614P) | TME (Peak Hours) [4] | TME (Night 2300-0700) [4] |
|---------------------------------|------------------------|------------------------------|----------------------|---------------------------|
| No. of person per hour | 5760 | 7680 | 103488 | 73920 |
| Speed (km/hr) | 15 | 15 | 40 | 40 |
| Railway population per km | 384 | 512 | 2587 | 1848 |
| Length of track considered (km) | 0.33 | 0.33 | 0.36 | 0.36 |
| Railway population | 127 | 169 | 932 | 666 |

Remarks:

- (1) Train frequency for Light Rail (route 507) varies between 6-15 minutes per train. It is assumed that the train frequency is 10 minutes per train per direction.
- (2) Train frequency for Light Rail (route 614) varies between 14-23 minutes per train; while the train frequency for Light Rail (route 614P) varies between 7-20 minutes per train. It is assumed the the train frequency is 15 minutes per train per direction for both routes.
- (3) According to LC Paper No. CB(4)854/15-16(07), the design capacity of a Light Rail Vehicle (LRV) is around 240 persons. The MTRCL deploy both single-set and coupled-set LRVs to serve different routes in order to meet passengers' needs, it is conservatively assumed all routes are using coupled-set LRVs for population estimation.
- (4) Based on the information provided by the Client, the average train loading during peak hours is 231 passengers per car. The average train loading during peak hour is used for both daytime and night-time as a conservative approach.