

MTR train frequencies of railway lines in different periods, number of cars on each train, train carrying capacity, train loading rates and number of seats

	East Rail Line	West Rail Line	Tung Chung Line	Ma On Shan Line	Tseung Kwan O Line	Light Rail
Peak hour train frequency (morning peak)	3-4 ⁽¹⁾ mins (Hung Hom-Sheung Shui) 6-8 mins (Hung Hom-Lo Wu) 10 – 12 mins (Hung Hom-Lok Ma Chau)	3 mins	4 mins (Hong Kong-Tsing Yi) 4/8 mins (Hong Kong-Tung Chung)	3 mins	2.5 mins (North Point- Tseung Kwan O) 2.5 / 5 mins (North Point- Po Lam) 10 mins (North Point- LOHAS Park)	Route 505 : 6-9 mins Route 507 : 6-8 mins Route 610 : 6-8 mins Route 614 : 12-15 mins Route 614P : 10-12 mins Route 615 : 12-15 mins Route 615P : 10-12 mins Route 705 : 5-6 mins Route 706 : 5-6 mins Route 751 : 6-10 mins Route 751P : 7-14 mins Route 761P : 4-6 mins
Non-peak hour train frequency	4-8 mins (Hung Hom-Sheung Shui) 6 – 8 mins (Hung Hom – Lo Wu) 12-14 mins (Hung Hom-Lok Ma Chau)	6-9.5 mins	8-12 mins (Hong Kong-Tsing Yi) 8-12 mins (Hong Kong-Tung Chung)	5-8 mins	4-5.8 mins (North Point-Tseung Kwan O) 4-6 mins (North Point-Po Lam) 10.5-13.8 mins (Tiu Keng Leng-LOHAS Park)	Route 505 : 7-14 mins Route 507 : 7-14 mins Route 610 : 8-17 mins Route 614 : 15-23 mins Route 614P : 10-20 mins Route 615 : 15-23 mins Route 615P : 10-20 mins Route 705 : 5-10 mins Route 706 : 5-10 mins Route 751 : 6-20 mins Route 761P : 5-14 mins
Design capacity ⁽²⁾	Maximum one-direction capacity per hour: 101,000	Maximum one-direction capacity per hour: 64,000	Maximum one-direction capacity per hour: 66,000	Maximum one-direction capacity per hour: 32,000	Maximum one-direction capacity per hour: 85,000	Maximum capacity per hour: 33,000 ⁽³⁾

	East Rail Line	West Rail Line	Tung Chung Line	Ma On Shan Line	Tseung Kwan O Line	Light Rail
Current average weekday ridership ⁽⁴⁾	942,000	333,000	192,000	120,000	263,000	441,000
Current average train loading during peak periods ⁽⁵⁾	68%	58%	59%	53%	70%	88% ⁽⁶⁾
Current average train loading during non-peak periods ⁽⁷⁾	23%	17%	19%	20%	17%	37% ⁽⁶⁾
Number of cars per train	12 cars per train	7 cars per train	8 cars per train	4 cars per train	8 cars per train	1-2 cars
Number of train seats	52 seats per car and 72 seats for First Class Compartment	52 seats per car	48 seats per car	52 seats per car	45 seats per car	26-43 seats

- (1) A Through Train departs from Hung Hom at 8:18 am, when the Through Train passes through the stations, the track on the East Rail Line will be occupied, hence the headway of the East Rail Line train following the Through Train would be 8 minutes.
- (2) Calculated in terms of the highest train frequency allowed with the existing signaling system.
- (3) The figure is the current maximum carrying capacity of Light Rail. Different from heavy railway systems, Light Rail adopts an open design and its operations are affected by other road vehicles and traffic signals at road junctions. Therefore design capacity is not applicable to Light Rail.
- (4) As MTR is a railway network and the system is open within the network, passengers can change to different railway lines after entering the network. Therefore there is no ridership for each individual railway line. The above figures were calculated based on passengers' entry stations.
- (5) Calculated in terms of the busiest one hour during the morning peak hours.
- (6) As Light Rail adopts an open design, there may be Light Rail vehicles of more than one route calling at the same stop. There is no information on which route a passenger will take after he/she purchases a ticket or validates his/her Octopus card. Therefore, the ridership is obtained through observation surveys. In addition, 13 new Light Rail vehicles will have been deployed for passenger service by the end of the first quarter of 2011, further improving the carrying capacity of the system.
- (7) The ridership before 7am and after 11pm is very low. To make the figures meaningful, the quoted figures are calculated based on the ridership in the period between 3pm and 4pm which is the busiest period during non-peak periods.