

## Results from the tests in the simulation

**Distance of 17 km with 19 stations, 0.9 km per station (This is the main map).**

98 wagon in use

Time period is 20 s or 30 s (Heavy Traffic or Low Traffic)

	Average speed	First circle	Wait on station
Heavy Traffic Different Speeds	49.8 km/h	56.3 km/h	78 s
Heavy Traffic Equal Speeds	49.6 km/h	57.4 km/h	78 s
Low Traffic	38 km/h	42 km/h	15 s

**Distance of 17 km with 19 stations, 0.9 km per station (This is the main map).**

68 wagon in use

Time period is 30 s or 45 s (Heavy Traffic or Low Traffic)

	Average speed	First circle	Wait on station
Heavy Traffic Different Speeds	55 km/h	56 km/h	102 s
Low Traffic	41 km/h	42 km/h	22 s

**Distance of 36 km with 30 stations, 1.2 km per station (This is the Map 4).**

240 wagon in use

Time period is 18 s or 24 s (Heavy Traffic or Low Traffic)

	Average speed	First circle	Wait on station
Heavy Traffic	47.5 km/h	59 km/h	71 s
Different Speeds	51 km/h	58 km/h	64 s
Crazy Speed Different Speeds	57 km/h	58 km/h	59 s
Low Traffic	42 km/h	47.5 km/h	12 s

**Distance of 5 km with 6 stations, 0.84 km per station (This is the Map 2).**

32 wagon in use

Time period is 20 s or 30 s (Heavy Traffic or Low Traffic)

	Average speed	First circle	Wait on station
Heavy Traffic	45 km/h	50 km/h	78 s
Low Traffic	36 km/h	39 km/h	15 s

**Distance of 5 km with 6 stations, 0.84 km per station (This is the Map 2).**

12 wagon in use

Time period is 50 s or 75 s (Heavy Traffic or Low Traffic)

	Average speed	First circle	Wait on station
Heavy Traffic	51 km/h	50 km/h	182 s
Low Traffic	39 km/h	39 km/h	37 s