

KIWI RAIL STEEL WHEELS FY2021 (BETWEEN 1/07/20 AND 31/03/21)

Your partner in sustainable freight



3,053.1 m

**Net Tonne
Kilometres (NTK's)**

=



823,909

**Reduced heavy vehicle
road impact**

+



74.4 m

Fuel savings (L)

+



200,181

**CO2 emission
savings (T)**

Rail Versus Truck Freight Movements by Month

| Road Freight Fuel Factor | Diesel Emission Factor | Rail Emission Factor |
|-----------------------------------|---------------------------|----------------------|
| 54.96 (l/100km) or 1.82 (km/l) | 0.00269 (tonnes CO2/l) | 28.13 (grams/NTK) |

Bulk

Domestic Freight Forwarders

Domestic Retail

Forestry

Import and Ex

| | NTK's | TRUCK TRIPS | FUEL SAVINGS | EMISSION SAVINGS | NTK's | TRUCK TRIPS | FUEL SAVINGS | EMISSION SAVINGS | NTK's | TRUCK TRIPS | FUEL SAVINGS | EMISSION SAVINGS | NTK's | TRUCK TRIPS | FUEL SAVINGS | EMISSION SAVINGS | NTK's | TRUCK TRIPS |
|------------|----------------|----------------|---------------|------------------|----------------|---------------|---------------|------------------|----------------|---------------|---------------|------------------|----------------|----------------|---------------|------------------|------------------|----------------|
| Jul | 44.91m | 12,474 | 1.3m | 3,501 | 50.01m | 5,378 | 1.63m | 4,391 | 33.92m | 4,321 | 1.09m | 2,921 | 54.61m | 26,535 | 1.57m | 4,232 | 119.91m | 33,368 |
| Aug | 52.15m | 13,446 | 1.51m | 4,072 | 51.68m | 5,484 | 1.69m | 4,544 | 30.8m | 4,250 | 0.98m | 2,649 | 54.68m | 26,976 | 1.58m | 4,237 | 110.87m | 31,790 |
| Sep | 59.88m | 16,475 | 1.75m | 4,719 | 51.88m | 5,663 | 1.67m | 4,480 | 40.11m | 5,213 | 1.29m | 3,470 | 52.86m | 25,988 | 1.52m | 4,095 | 138.18m | 39,351 |
| Oct | 63.2m | 18,380 | 1.85m | 4,979 | 55.02m | 6,163 | 1.76m | 4,737 | 42.46m | 5,540 | 1.36m | 3,670 | 51.79m | 26,041 | 1.49m | 4,012 | 156.58m | 44,277 |
| Nov | 61.02m | 16,447 | 1.79m | 4,808 | 60.62m | 6,785 | 1.98m | 5,327 | 40.64m | 5,095 | 1.31m | 3,513 | 50.21m | 24,988 | 1.45m | 3,890 | 161.14m | 44,874 |
| Dec | 53.54m | 15,654 | 1.57m | 4,236 | 52.06m | 5,913 | 1.7m | 4,572 | 30.98m | 3,685 | 1.01m | 2,720 | 43.7m | 21,441 | 1.26m | 3,386 | 169.23m | 45,046 |
| Jan | 48.89m | 12,815 | 1.43m | 3,844 | 42.45m | 5,029 | 1.39m | 3,736 | 28.38m | 3,808 | 0.91m | 2,443 | 41.05m | 20,740 | 1.18m | 3,181 | 154.47m | 44,080 |
| Feb | 51.91m | 12,954 | 1.52m | 4,096 | 43.94m | 5,205 | 1.43m | 3,838 | 30.13m | 4,081 | 0.97m | 2,612 | 49.03m | 24,684 | 1.41m | 3,799 | 142.86m | 40,518 |
| Mar | 70.45m | 17,721 | 2.05m | 5,523 | 51.17m | 5,570 | 1.69m | 4,541 | 38.34m | 5,766 | 1.23m | 3,310 | 53.9m | 27,072 | 1.55m | 4,177 | 167.43m | 46,825 |
| | 505.96m | 136,366 | 14.79m | 39,777 | 458.84m | 51,189 | 14.93m | 40,167 | 315.77m | 41,760 | 10.15m | 27,310 | 451.82m | 224,465 | 13.01m | 35,009 | 1,320.68m | 370,129 |

Cargo

| FUEL SAVINGS | EMISSION SAVINGS |
|---------------|------------------|
| 1.94m | 5,206 |
| 1.8m | 4,855 |
| 2.22m | 5,975 |
| 2.46m | 6,613 |
| 2.53m | 6,812 |
| 2.79m | 7,508 |
| 2.68m | 7,206 |
| 2.38m | 6,410 |
| 2.73m | 7,334 |
| 21.53m | 57,918 |