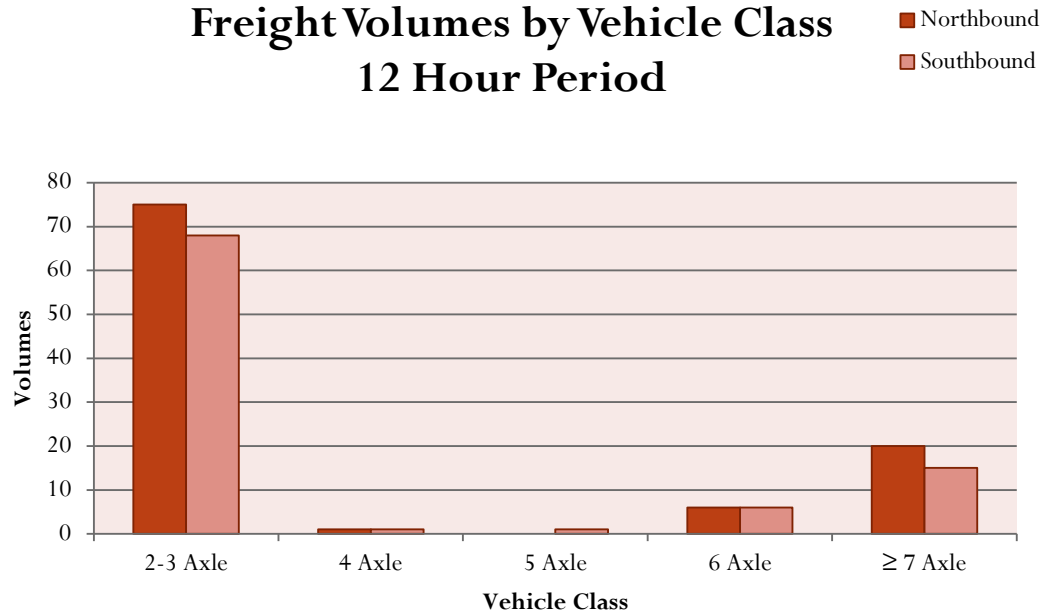


TRAFFIC HIGHLIGHTS OF SITE V9351			
1.1	Site Identifier	V9351	
1.2	Site Name	P20-1 Station 13	
1.3	Site Description	Segment 13	
1.4	Road Description	Route : Road : P20-1 Section : Distance : 0.0km	
1.5	GPS Position	31 06 33.5E -29 10 06.4S	
1.6	Number of Lanes	2	
1.7	Station Type	Secondary	
1.8	Requested Period	2021/07/29 - 2021/08/06	
1.9	Length of record requested (hours)	216	
1.10	Actual First & Last Dates	2021/07/29 - 2021/08/06	
1.11	Actual available good data (hours)	190	
1.12	Percentage good data available for requested period	88.1	
		To Blythedale	Total
2.1a	Total number of vehicles (counted)	12497	25141
2.1b	Total number of vehicles (projected for period)	14180	28527
2.2	Average daily traffic (ADT)	1576	3170
2.3	Average daily truck traffic (ADTT)	156	326
2.4	Percentage of trucks	9.9	10.3
2.5	Truck split % (short:medium:long)	50 : 10 : 40	49 : 9 : 42
2.6	Percentage of night traffic (20:00 - 06:00)	8.2	8.3
3.1	Speed limit (km/hr)		60
3.2	Average speed (km/hr)	56.5	63.3
3.3	Average speed - light vehicles (km/hr)	58.6	65.0
3.4	Average speed - heavy vehicles (km/hr)	37.0	48.5
3.5	Average night speed (km/hr)	54.7	61.1
3.6	15th centile speed (km/hr)	39.8	47.7
3.7	85th centile speed (km/hr)	73.9	81.9
3.8	Percentage vehicles in excess of speed limit	44.5	62.4
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)	2021/08/05 16:00:00	355
4.3	Highest volume in the East (vehs/hr)	2021/07/30 15:00:00	209
4.4	Highest volume in the West (vehs/hr)	2021/08/02 08:00:00	210
4.5	Highest volume in a lane (vehicles/hr)	2021/08/02 08:00:00	210
4.6	15th highest volume on the road (vehicles/hr)	2021/08/03 08:00:00	267
4.7	15th highest volume in the East direction (vehs/hr)	2021/08/03 16:00:00	143
4.8	15th highest volume in the West direction (vehs/hr)	2021/07/30 16:00:00	136
4.9	30th highest volume on the road (vehicles/hr)	2021/08/01 16:00:00	243
4.10	30th highest volume in the East direction (vehs/hr)	2021/08/03 17:00:00	124
4.11	30th highest volume in the West direction (vehs/hr)	2021/07/29 16:00:00	118
5.1	Percentage of vehicles less than 2s behind vehicle ahead		
6.1	Total number of heavy vehicles (projected for period)	1406	2931
6.2	Estimated average number of axles per truck	4.3	4.4
6.3	Estimated truck mass (Ton/truck)	24.5	25.0
6.4	Estimated average E80/truck	1.4	1.4
6.5	Estimated daily E80 on the road		459
6.6	Estimated daily E80 in the East direction		216
6.7	Estimated daily E80 in the West direction		243
6.8	Estimated daily E80 in the worst East lane		216
6.9	Estimated daily E80 in the worst West lane		243
6.10	ASSUMPTION on Axles/Truck (Short:Medium:Long)		(2.0 : 5.0 : 7.0)
6.11	ASSUMPTION on Mass/Truck (Short:Medium:Long)		(10.9 : 31.5 : 39.8)
6.12	ASSUMPTION on E80s/Truck (Short:Medium:Long)		(0.6 : 2.5 : 2.1)

Kranskop (74 Kranskop to Greytown)

Date: 23-08-2023

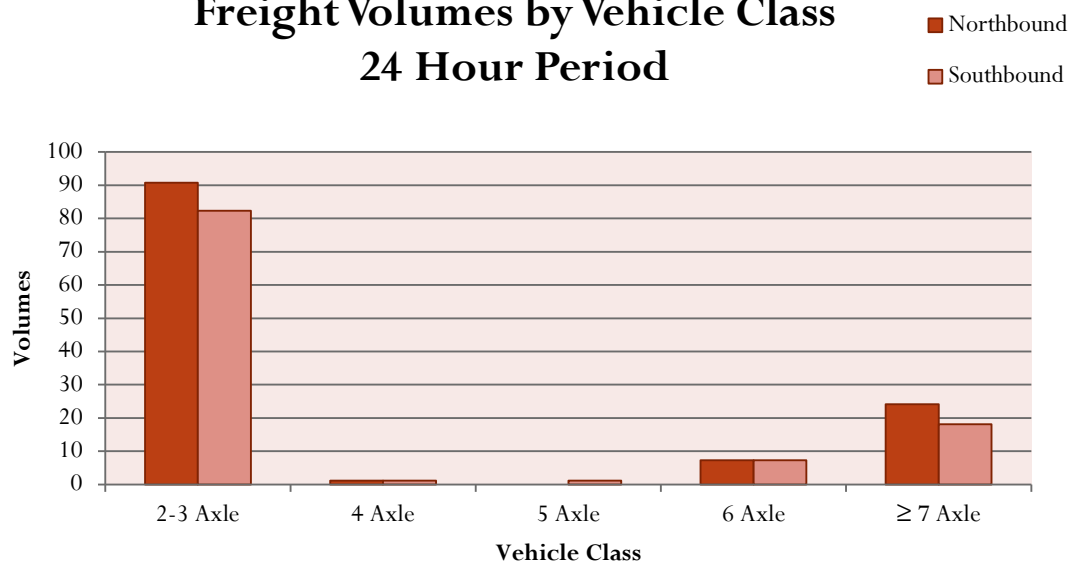
Freight Volumes by Vehicle Class 12 Hour Period



Kranskop (74 Kranskop to Greytown)

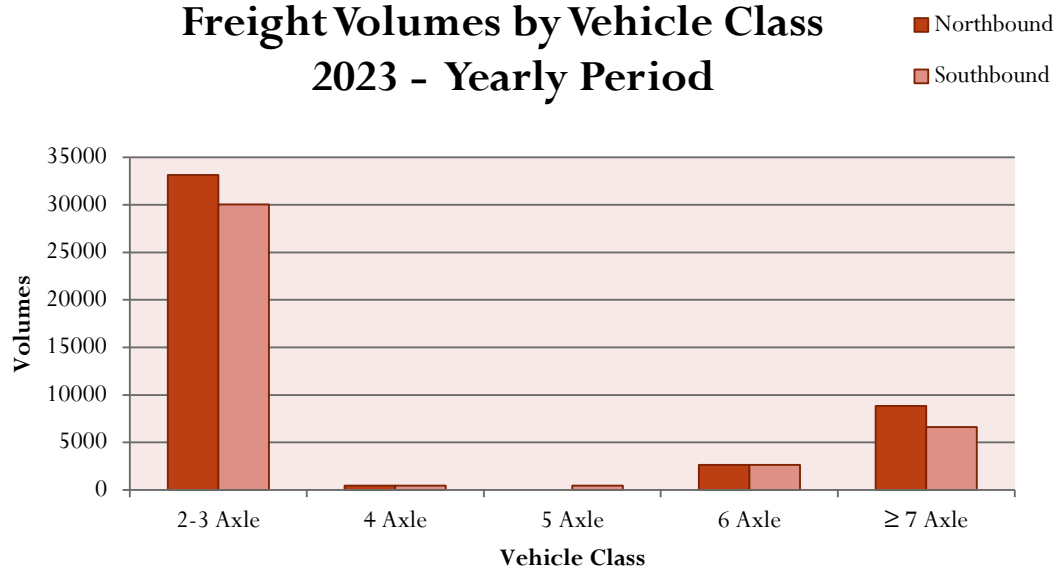
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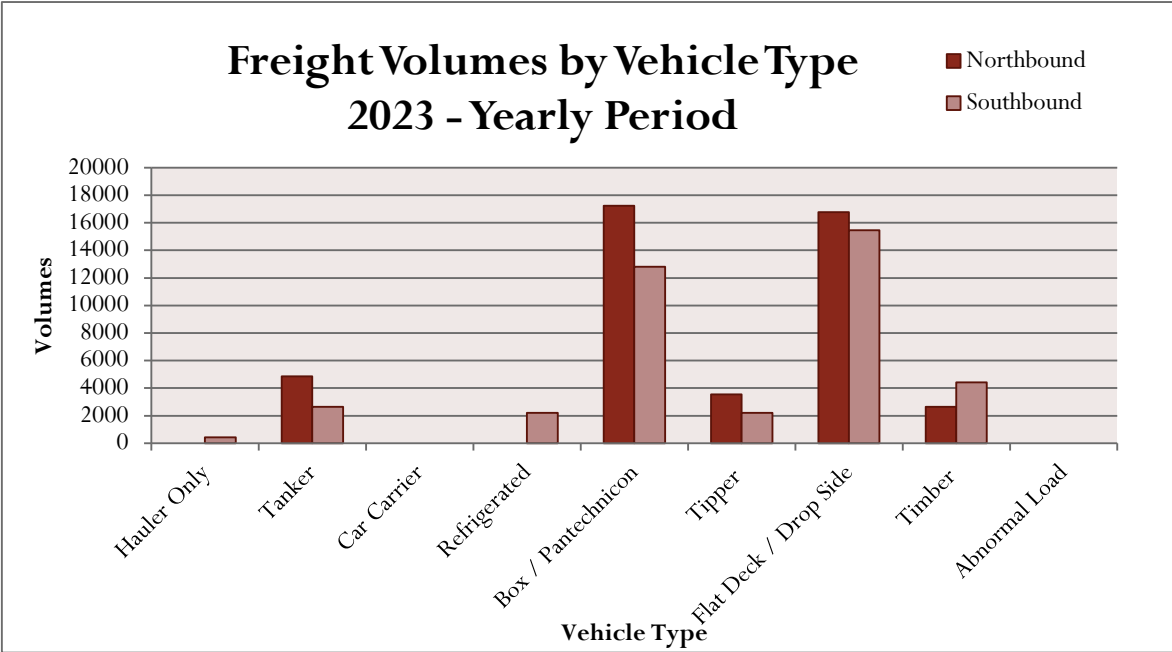
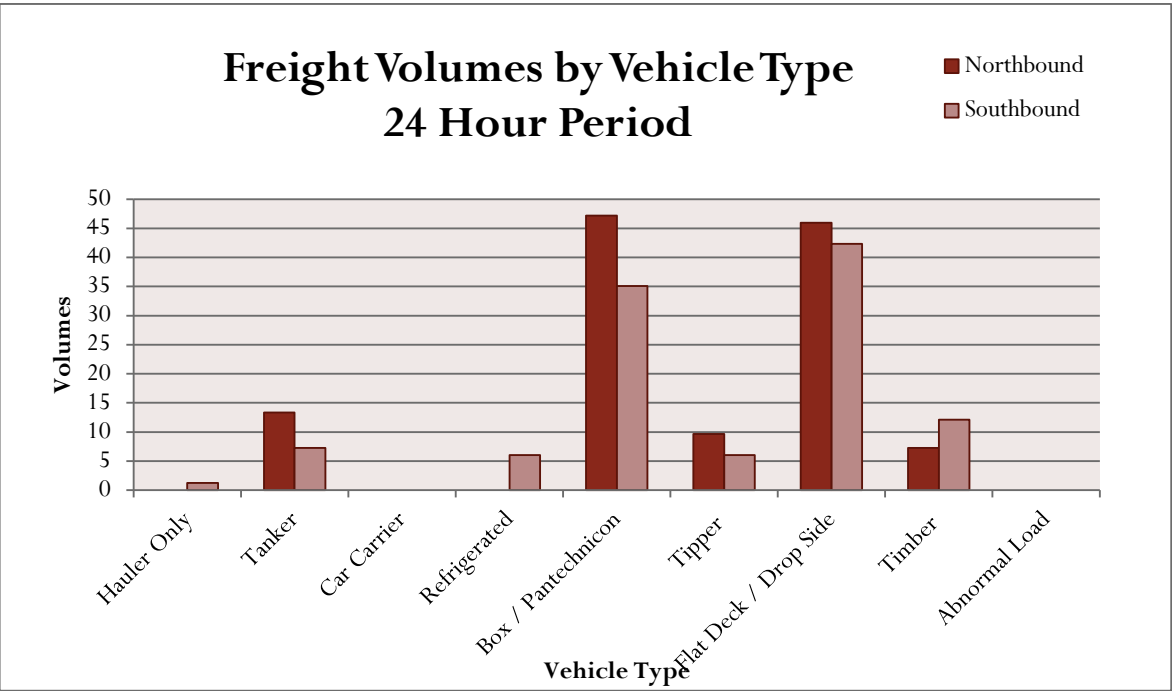
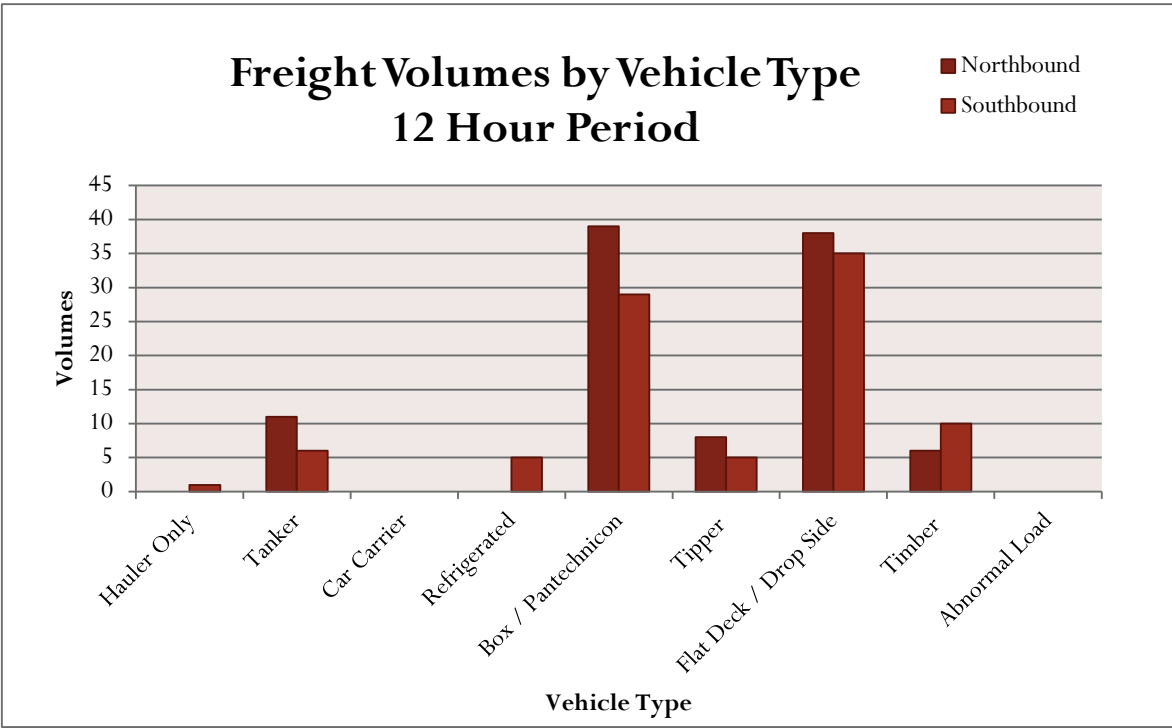
Freight Volumes by Vehicle Class 24 Hour Period



Kranskop (74 Kranskop to Greytown)

Freight Volumes by Vehicle Class 2023 - Yearly Period

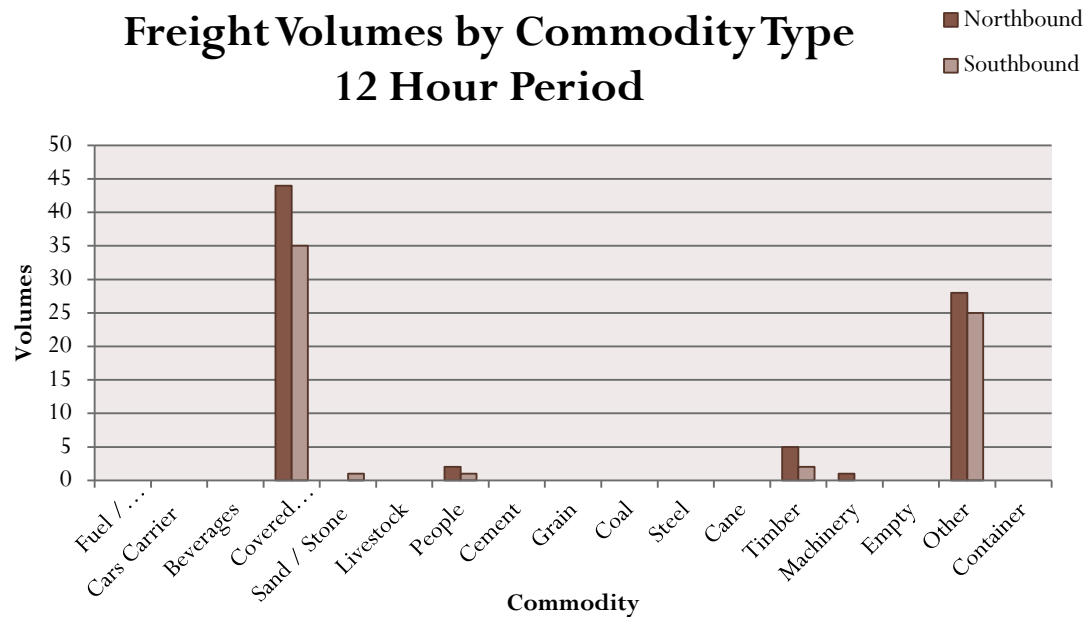




Kranskop (74 Kranskop to Greytown)

Date: 23-08-2023

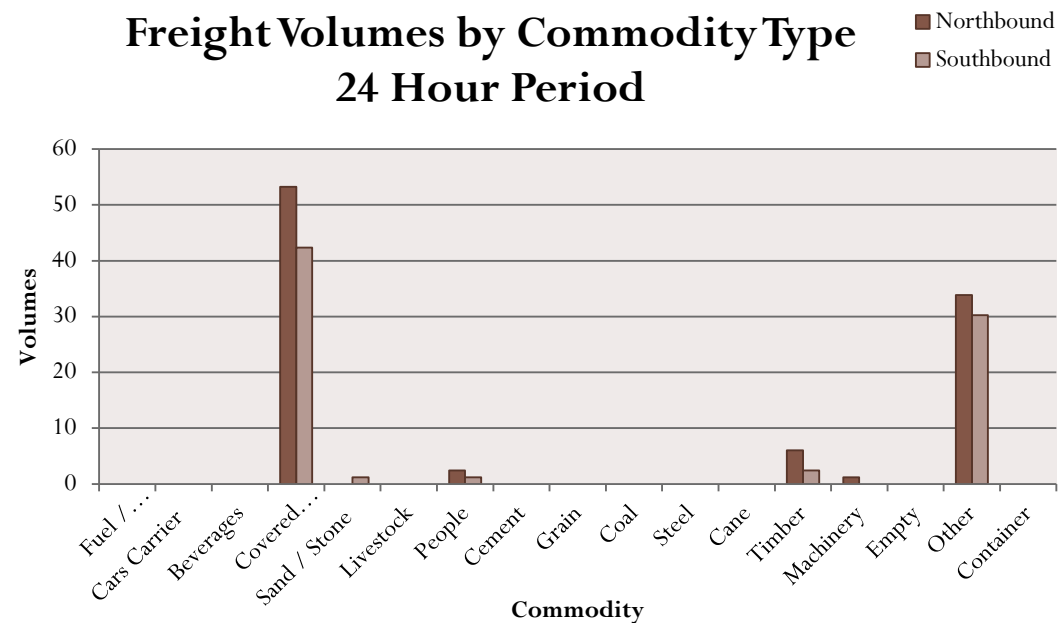
Freight Volumes by Commodity Type 12 Hour Period



Kranskop (74 Kranskop to Greytown)

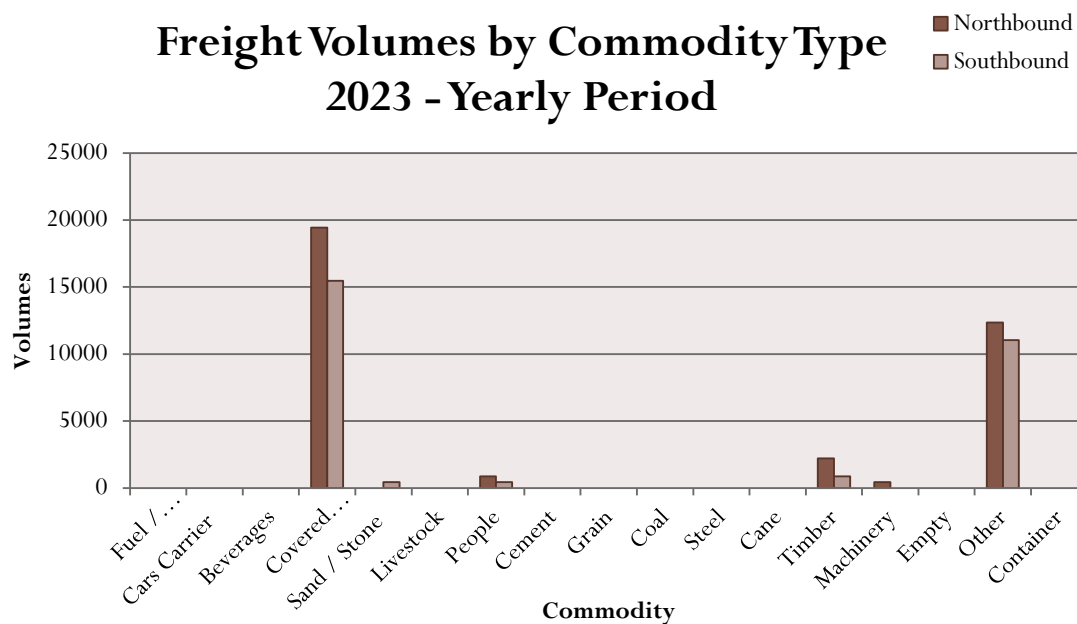
Date: 23-08-2023

Freight Volumes by Commodity Type 24 Hour Period



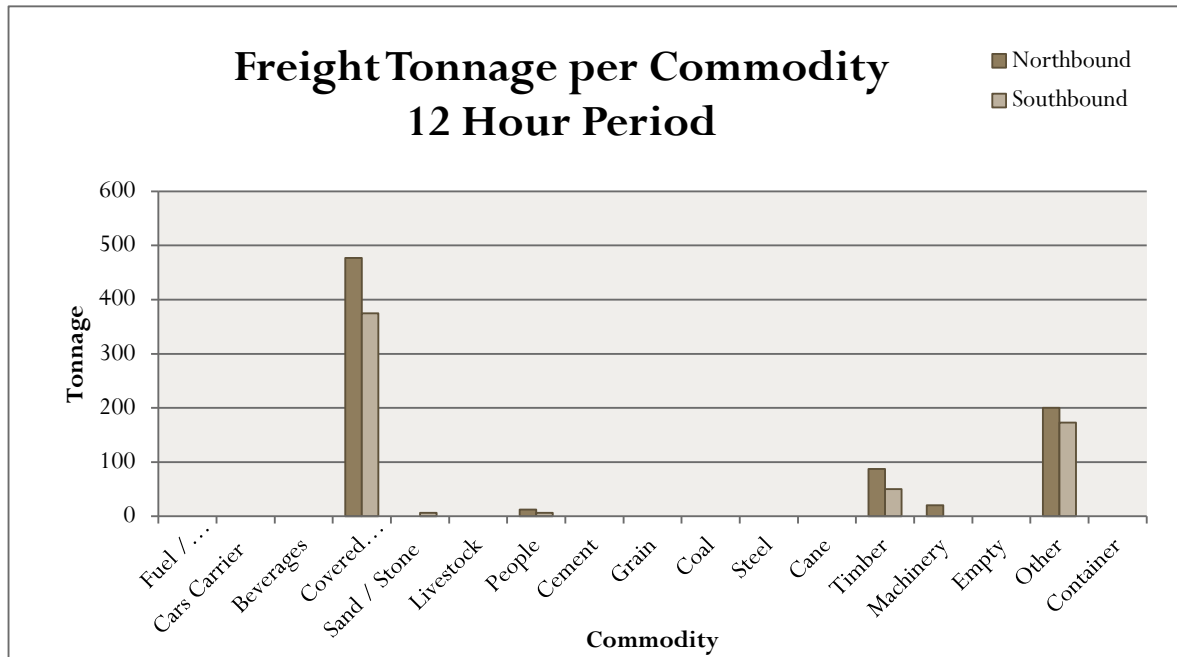
Kranskop (74 Kranskop to Greytown)

Freight Volumes by Commodity Type 2023 - Yearly Period



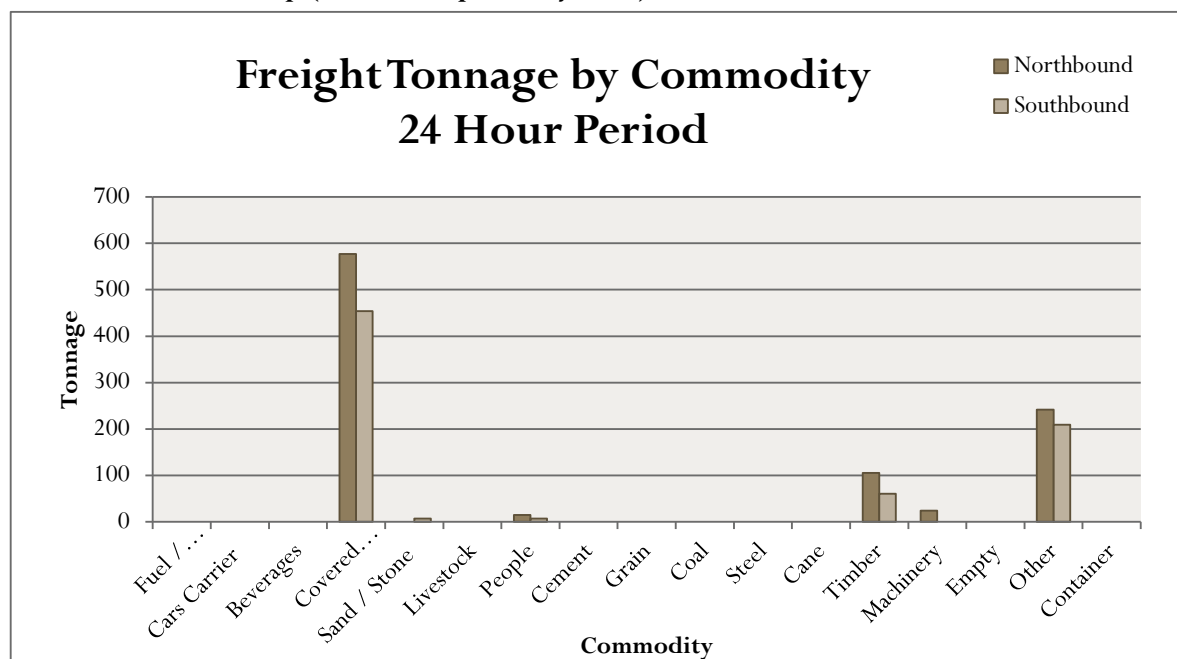
Kranskop (74 Kranskop to Greytown)

Date: 23-08-2023

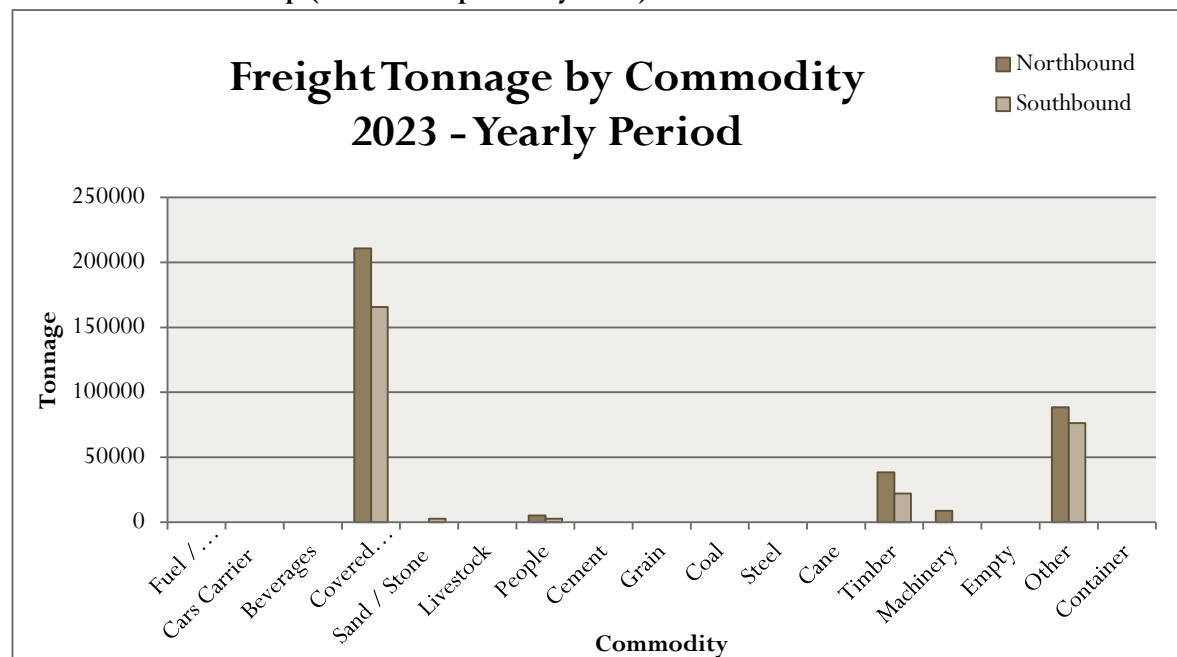


Kranskop (74 Kranskop to Greytown)

Date: 23-08-2023



Kranskop (74 Kranskop to Greytown)



Kranskop (74 Kranskop to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (12 Hours)												Date: 23-08-2023	
Northbound							Southbound						
	2-3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		2-3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	0	0	0	0	0	0	Fuel / Chemicals	0	0	0	0	0	0
Cars Carrier	0	0	0	0	0	0	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	0	0	0	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	192	0	0	60	225	477	Covered Load / Sail or Tarp	150	10	0	40	175	375
Sand / Stone	0	0	0	0	0	0	Sand / Stone	6	0	0	0	0	6
Livestock	0	0	0	0	0	0	Livestock	0	0	0	0	0	0
People	12	0	0	0	0	12	People	6	0	0	0	0	6
Cement	0	0	0	0	0	0	Cement	0	0	0	0	0	0
Grain	0	0	0	0	0	0	Grain	0	0	0	0	0	0
Coal	0	0	0	0	0	0	Coal	0	0	0	0	0	0
Steel	0	0	0	0	0	0	Steel	0	0	0	0	0	0
Cane	0	0	0	0	0	0	Cane	0	0	0	0	0	0
Timber	12	0	0	0	75	87	Timber	0	0	0	0	50	50
Machinery	0	0	0	20	0	20	Machinery	0	0	0	0	0	0
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	150	10	0	40	0	200	Other	138	0	15	20	0	173
Container	0	0	0	0	0	0	Container	0	0	0	0	0	0

Kranskop (74 Kranskop to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (24 Hours)													Date: 23-08-2023
Northbound							Southbound						
	3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	0	0	0	0	0	0	Fuel / Chemicals	0	0	0	0	0	0
Cars Carrier	0	0	0	0	0	0	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	0	0	0	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	232	0	0	73	272	577	Covered Load / Sail or Tarp	182	12	0	48	212	454
Sand / Stone	0	0	0	0	0	0	Sand / Stone	7	0	0	0	0	7
Livestock	0	0	0	0	0	0	Livestock	0	0	0	0	0	0
People	15	0	0	0	0	15	People	7	0	0	0	0	7
Cement	0	0	0	0	0	0	Cement	0	0	0	0	0	0
Grain	0	0	0	0	0	0	Grain	0	0	0	0	0	0
Coal	0	0	0	0	0	0	Coal	0	0	0	0	0	0
Steel	0	0	0	0	0	0	Steel	0	0	0	0	0	0
Cane	0	0	0	0	0	0	Cane	0	0	0	0	0	0
Timber	15	0	0	0	91	105	Timber	0	0	0	0	61	61
Machinery	0	0	0	24	0	24	Machinery	0	0	0	0	0	0
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	182	12	0	48	0	242	Other	167	0	18	24	0	209
Container	0	0	0	0	0	0	Container	0	0	0	0	0	0

Kranskop (74 Kranskop to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (Yearly Period)													
Northbound							Southbound						
	3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	0	0	0	0	0	0	Fuel / Chemicals	0	0	0	0	0	0
Cars Carrier	0	0	0	0	0	0	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	0	0	0	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	84797	0	0	26499	99371	210667	Covered Load / Sail or Tarp	66248	4417	0	17666	77289	165619
Sand / Stone	0	0	0	0	0	0	Sand / Stone	2650	0	0	0	0	2650
Livestock	0	0	0	0	0	0	Livestock	0	0	0	0	0	0
People	5300	0	0	0	0	5300	People	2650	0	0	0	0	2650
Cement	0	0	0	0	0	0	Cement	0	0	0	0	0	0
Grain	0	0	0	0	0	0	Grain	0	0	0	0	0	0
Coal	0	0	0	0	0	0	Coal	0	0	0	0	0	0
Steel	0	0	0	0	0	0	Steel	0	0	0	0	0	0
Cane	0	0	0	0	0	0	Cane	0	0	0	0	0	0
Timber	5300	0	0	0	33124	38424	Timber	0	0	0	0	22083	22083
Machinery	0	0	0	8833	0	8833	Machinery	0	0	0	0	0	0
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	66248	4417	0	17666	0	88330	Other	60948	0	6625	8833	0	76405
Container	0	0	0	0	0	0	Container	0	0	0	0	0	0

Kranskop (74 Kranskop to Greytown) Twenty Foot Equivalent Unit (TEU) (12 Hours)														Date: 23-08-2023
Northbound							Southbound							
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL	
2 Axle						0	2 Axle						0	
3 Axle						0	3 Axle						0	
4 Axle						0	4 Axle						0	
5 Axle						0	5 Axle		1				2	
6 Axle						0	6 Axle						0	
≥ 7 Axle						0	≥ 7 Axle						0	
TOTAL						0	TOTAL						2	

Kranskop (74 Kranskop to Greytown) Twenty Foot Equivalent Unit (TEU) (24 Hours)														Date: 23-08-2023
Northbound							Southbound							
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL	
2 Axle	0	0	0	0	0	0	2 Axle	0	0	0	0	0	0	
3 Axle	0	0	0	0	0	0	3 Axle	0	0	0	0	0	0	
4 Axle	0	0	0	0	0	0	4 Axle	0	0	0	0	0	0	
5 Axle	0	0	0	0	0	0	5 Axle	0	1	0	0	0	2	
6 Axle	0	0	0	0	0	0	6 Axle	0	0	0	0	0	0	
≥ 7 Axle	0	0	0	0	0	0	≥ 7 Axle	0	0	0	0	0	0	
TOTAL						0	TOTAL						2	

Kranskop (74 Kranskop to Greytown) Twenty Foot Equivalent Unit (TEU) (Yearly Period)														
Northbound							Southbound							
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL	
2 Axle	0	0	0	0	0	0	2 Axle	0	0	0	0	0	0	
3 Axle	0	0	0	0	0	0	3 Axle	0	0	0	0	0	0	
4 Axle	0	0	0	0	0	0	4 Axle	0	0	0	0	0	0	
5 Axle	0	0	0	0	0	0	5 Axle	0	442	0	0	0	883	
6 Axle	0	0	0	0	0	0	6 Axle	0	0	0	0	0	0	
≥ 7 Axle	0	0	0	0	0	0	≥ 7 Axle	0	0	0	0	0	0	
TOTAL						0	TOTAL						883	