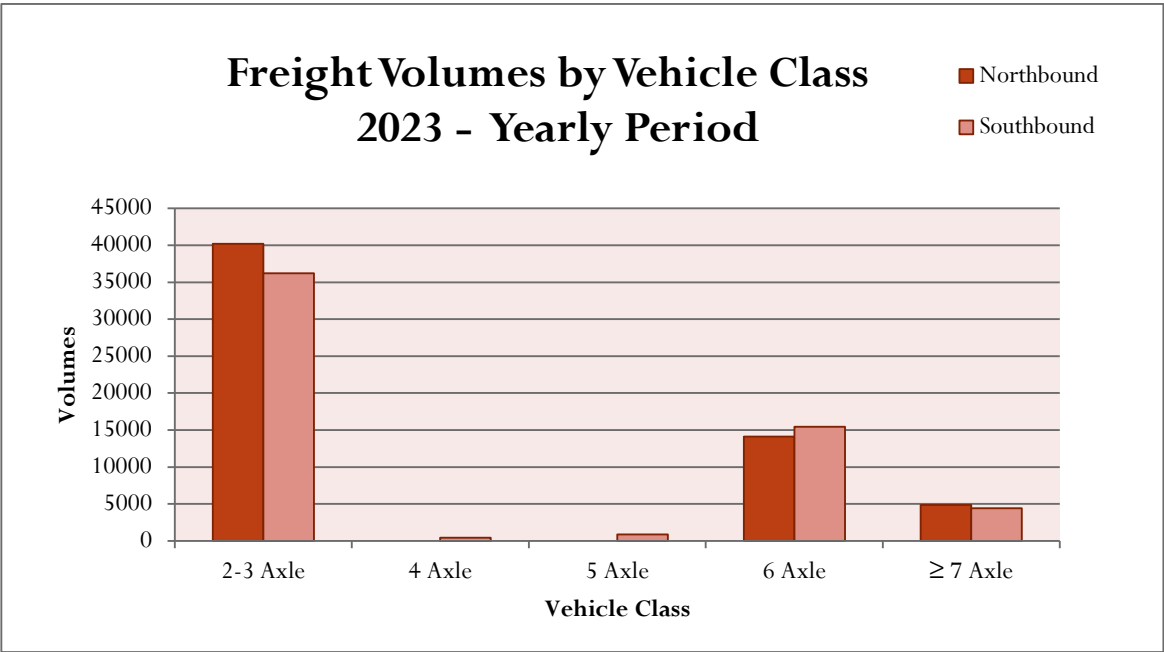
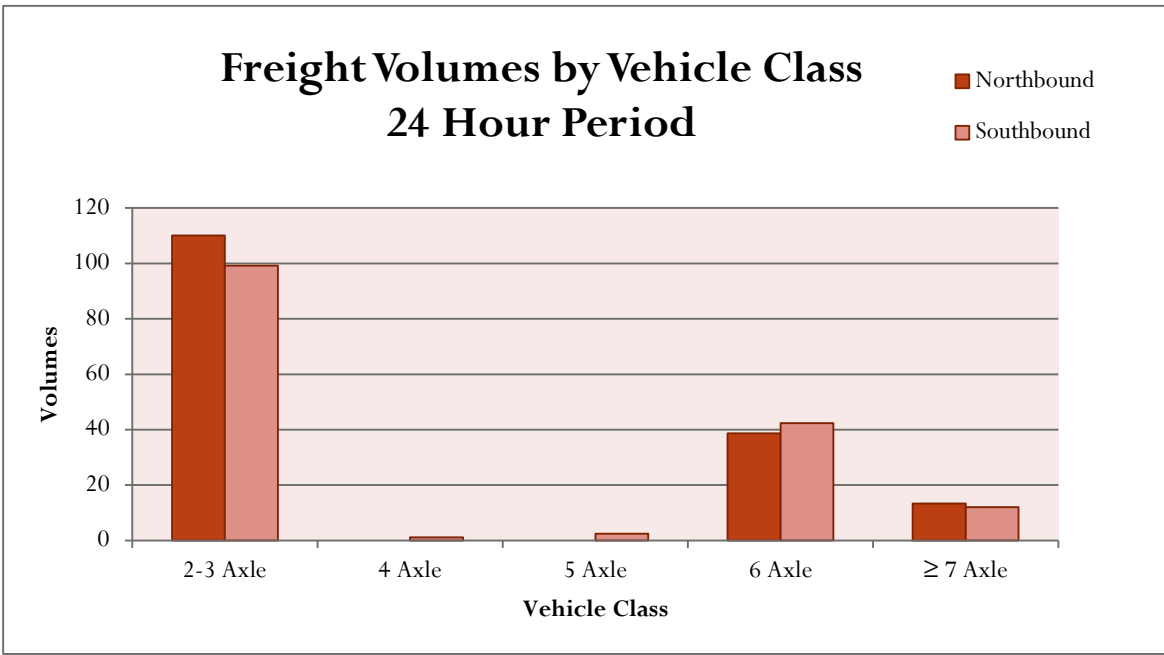
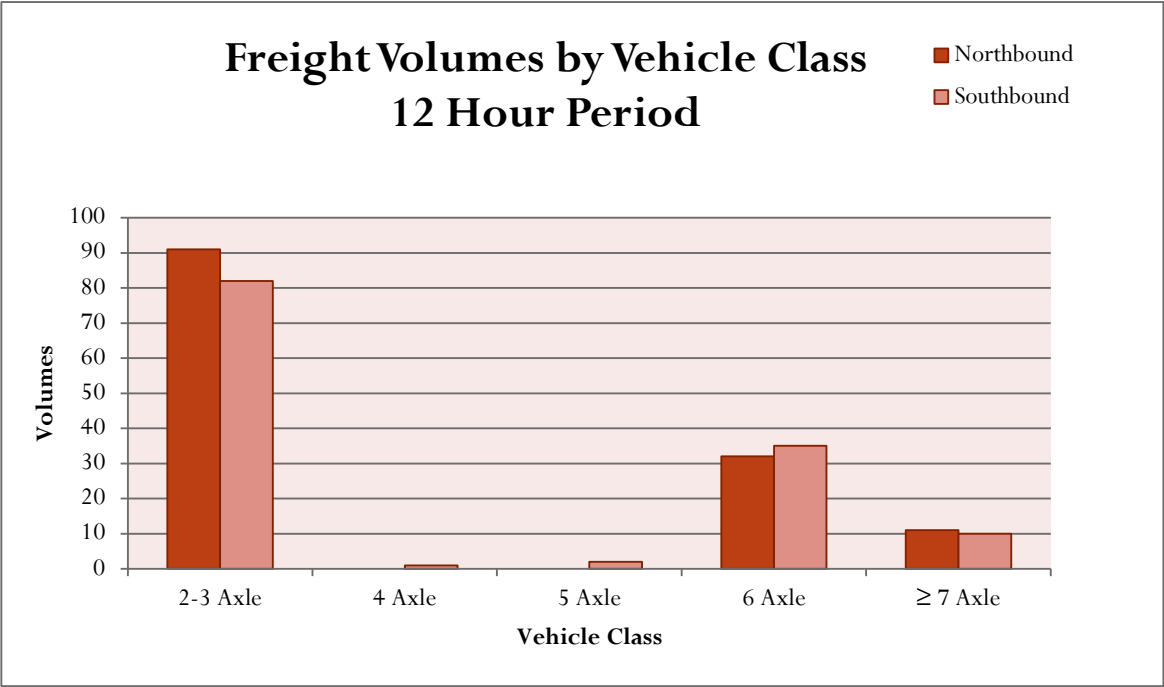
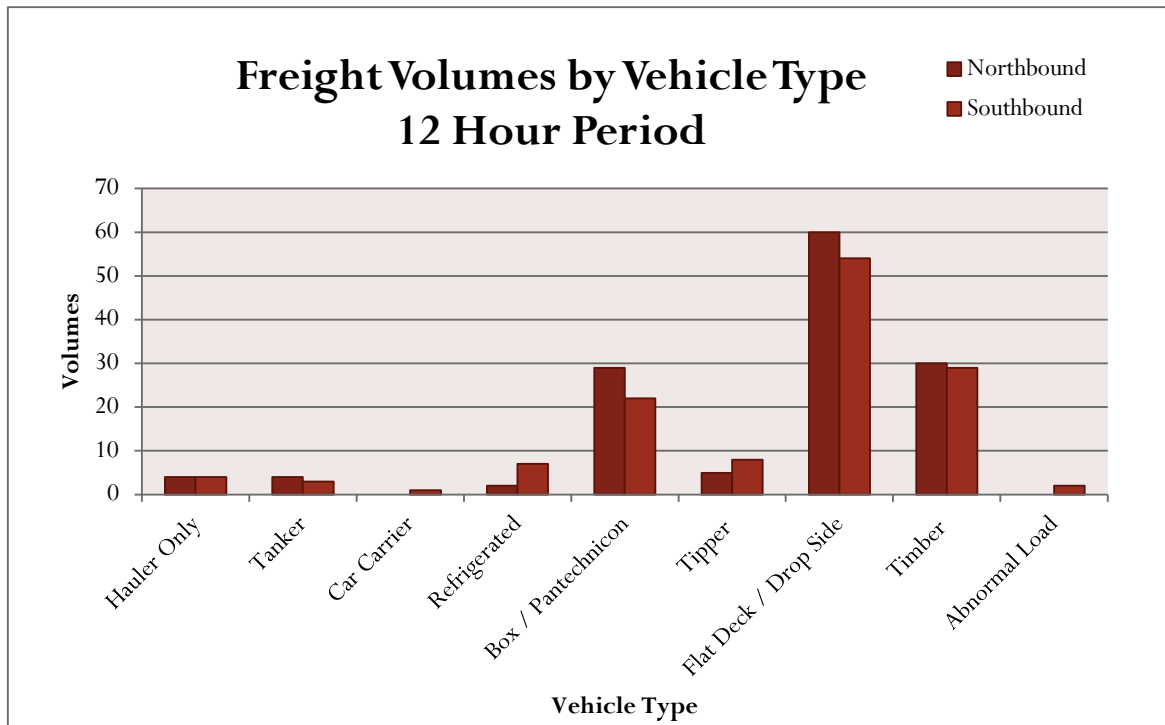


TRAFFIC HIGHLIGHTS OF SITE V11601			
1.1	Site Identifier	V11601	
1.2	Site Name	P6-3 Station 5	
1.3	Site Description	Segment 5	
1.4	Road Description	Route : Road : P6-3 Section : Distance : 0.0km	
1.5	GPS Position	30 31 42.2E -28 51 56.6S	
1.6	Number of Lanes	2	
1.7	Station Type	Secondary	
1.8	Requested Period	2021/10/12 - 2021/10/23	
1.9	Length of record requested (hours)	288	
1.10	Actual First & Last Dates	2021/10/12 - 2021/10/19	
1.11	Actual available good data (hours)	170	
1.12	Percentage good data available for requested period	59.2	
		To Tugela Ferry	Total
2.1a	Total number of vehicles (counted)	9414	18659
2.1b	Total number of vehicles (projected for period)	15892	31498
2.2	Average daily traffic (ADT)	1324	2625
2.3	Average daily truck traffic (ADTT)	187	390
2.4	Percentage of trucks	14.1	14.9
2.5	Truck split % (short:medium:long)	79 : 12 : 9	80 : 12 : 8
2.6	Percentage of night traffic (20:00 - 06:00)	8.5	8.8
3.1	Speed limit (km/hr)		60
3.2	Average speed (km/hr)	68.6	68.6
3.3	Average speed - light vehicles (km/hr)	68.4	68.5
3.4	Average speed - heavy vehicles (km/hr)	69.7	69.0
3.5	Average night speed (km/hr)	68.7	68.6
3.6	15th centile speed (km/hr)	49.7	49.7
3.7	85th centile speed (km/hr)	90.0	90.0
3.8	Percentage vehicles in excess of speed limit	65.0	64.7
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)	2021/10/15 14:00:00	307
4.3	Highest volume in the North (vehs/hr)	2021/10/18 08:00:00	160
4.4	Highest volume in the South (vehs/hr)	2021/10/15 14:00:00	211
4.5	Highest volume in a lane (vehicles/hr)	2021/10/15 14:00:00	211
4.6	15th highest volume on the road (vehicles/hr)	2021/10/13 16:00:00	212
4.7	15th highest volume in the North direction (vehs/hr)	2021/10/15 08:00:00	114
4.8	15th highest volume in the South direction (vehs/hr)	2021/10/14 15:00:00	107
4.9	30th highest volume on the road (vehicles/hr)	2021/10/14 08:00:00	194
4.10	30th highest volume in the North direction (vehs/hr)	2021/10/18 13:00:00	98
4.11	30th highest volume in the South direction (vehs/hr)	2021/10/16 12:00:00	94
5.1	Percentage of vehicles less than 2s behind vehicle ahead		
6.1	Total number of heavy vehicles (projected for period)	2243	4681
6.2	Estimated average number of axles per truck	2.8	2.7
6.3	Estimated truck mass (Ton/truck)	16.1	15.6
6.4	Estimated average E80/truck	1.0	0.9
6.5	Estimated daily E80 on the road		366
6.6	Estimated daily E80 in the North direction		181
6.7	Estimated daily E80 in the South direction		185
6.8	Estimated daily E80 in the worst North lane		181
6.9	Estimated daily E80 in the worst South lane		185
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)



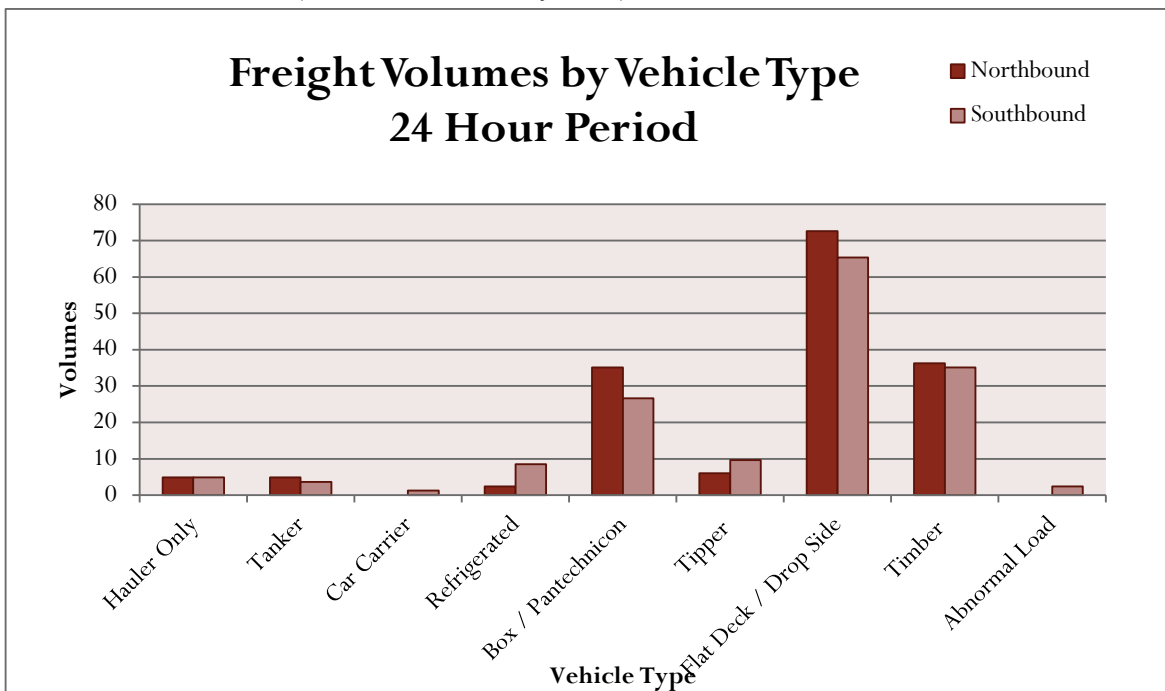
Dundee (R33 Dundee to Greytown)

Date: 16-08-2023

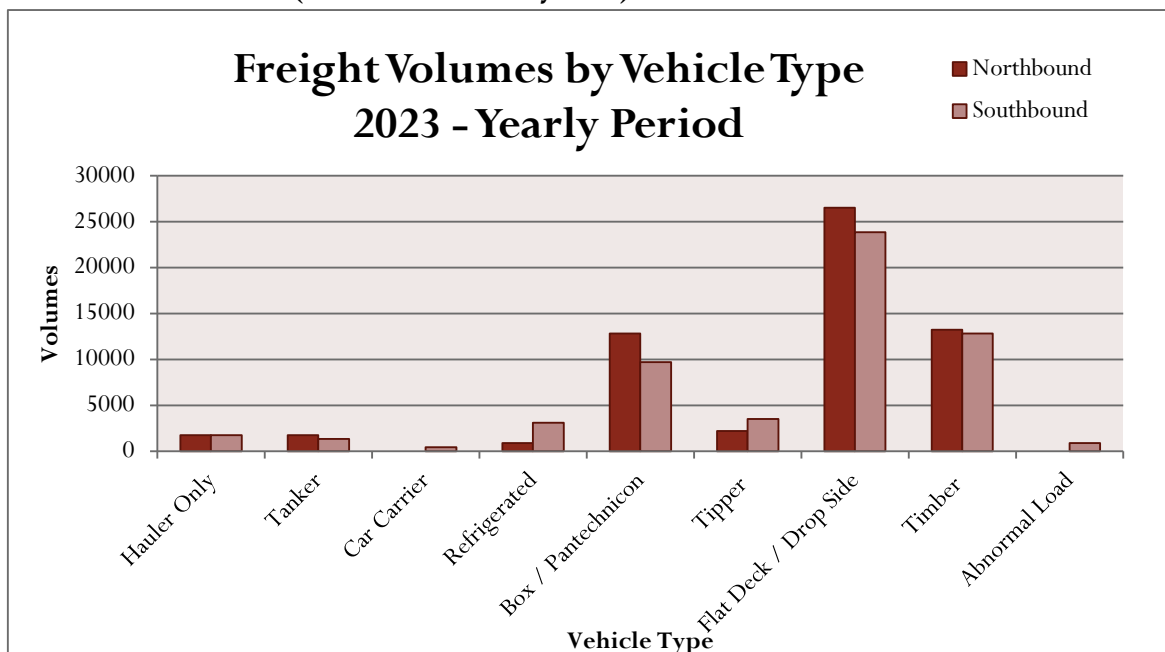


Dundee (R33 Dundee to Greytown)

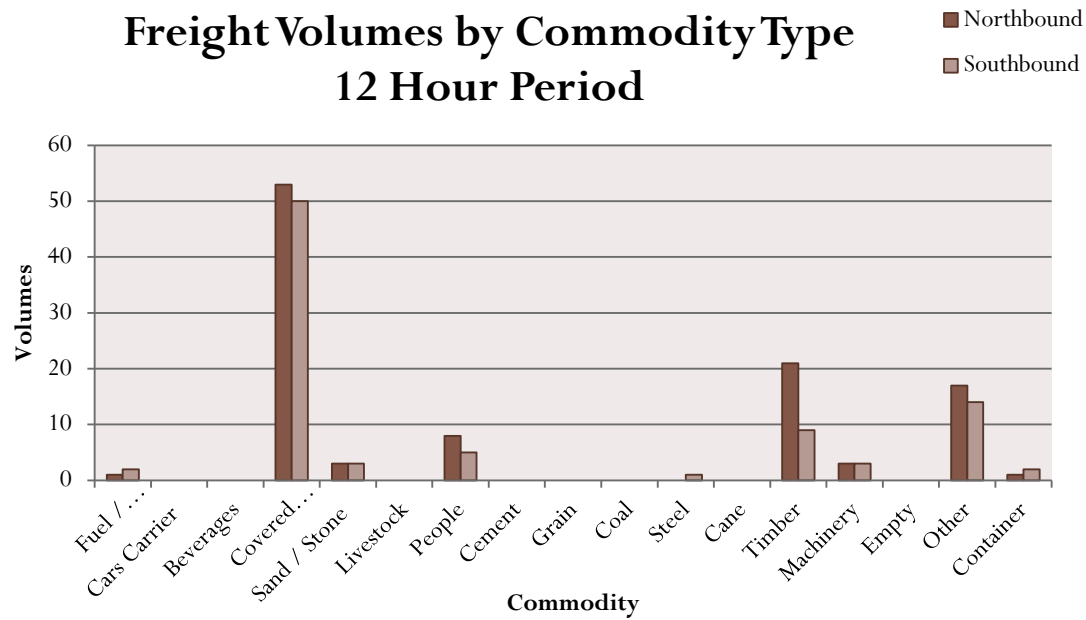
Date: 16-08-2023



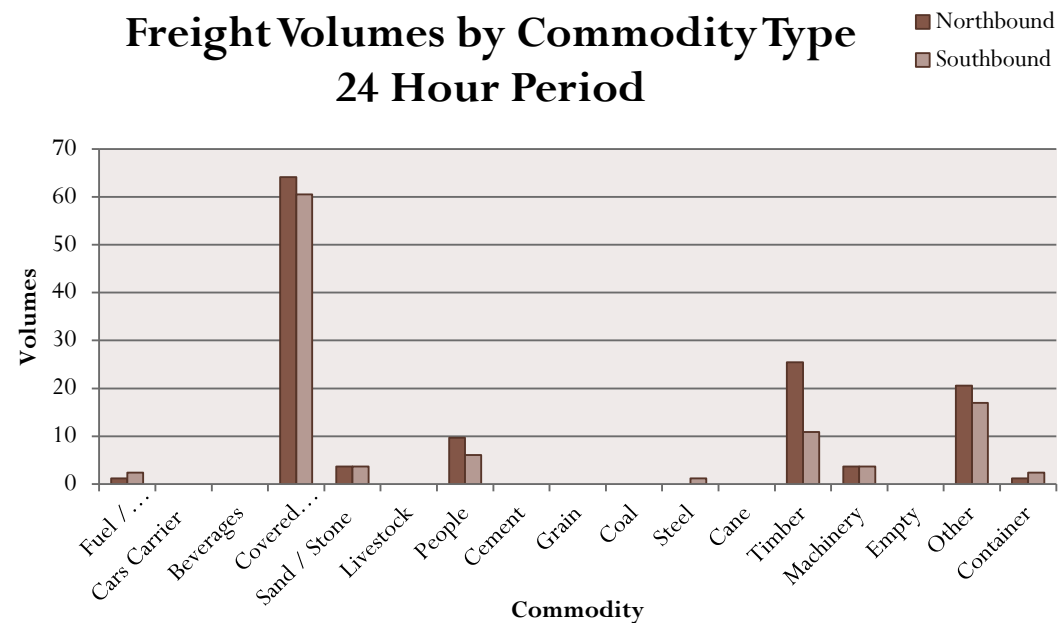
Dundee (R33 Dundee to Greytown)



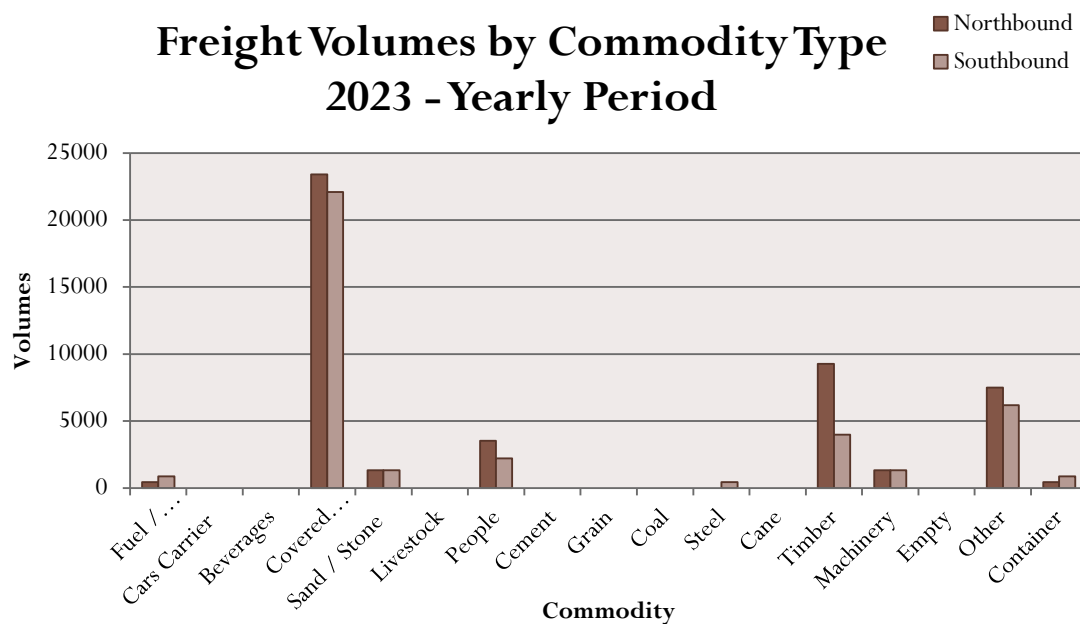
Freight Volumes by Commodity Type 12 Hour Period



Freight Volumes by Commodity Type 24 Hour Period

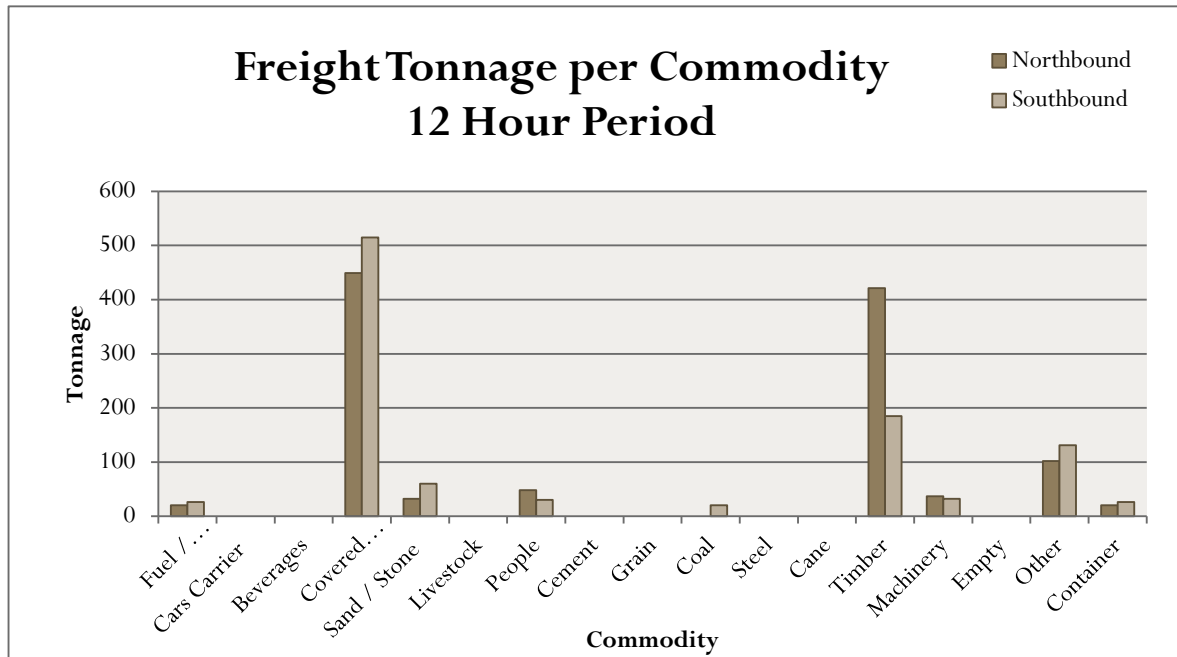


Freight Volumes by Commodity Type 2023 - Yearly Period



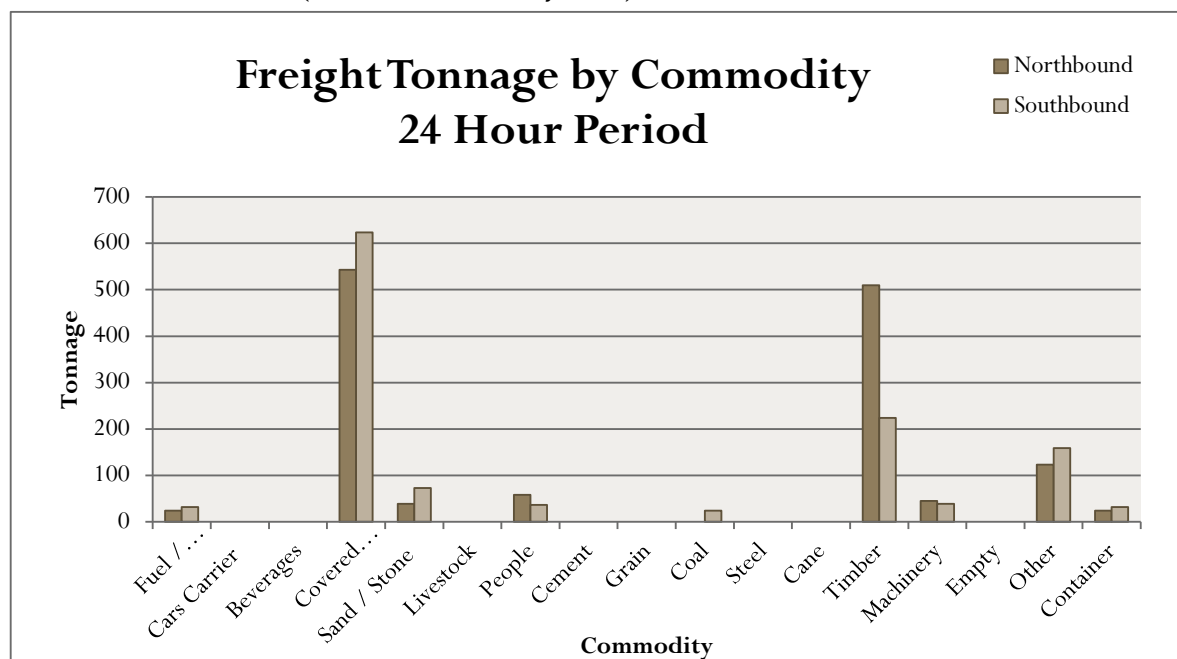
Dundee (R33 Dundee to Greytown)

Date: 16-08-2023

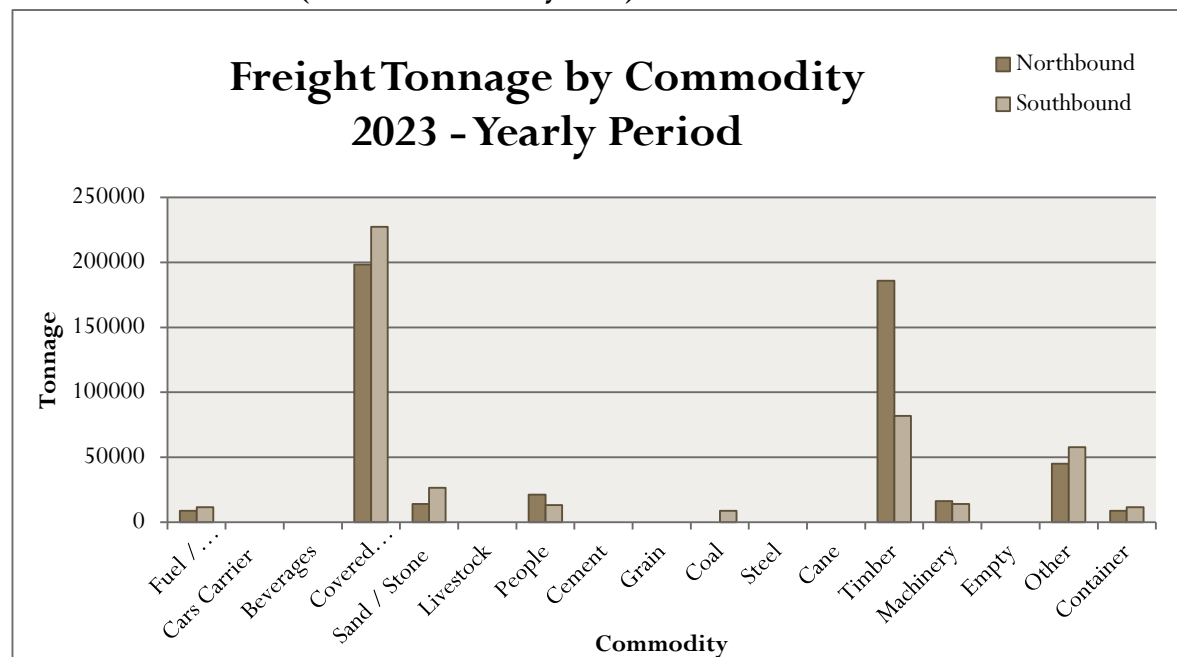


Dundee (R33 Dundee to Greytown)

Date: 16-08-2023



Dundee (R33 Dundee to Greytown)



Dundee (R33 Dundee to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (12 Hours)												Date: 16-08-2023	
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	20	0	20	Fuel / Chemicals	6	0	0	20	0	26
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	264	0	0	160	25	449	Covered Load / Sail or Tarp	210	0	30	200	75	515
Sand / Stone	12	0	0	20	0	32	Sand / Stone	0	0	0	60	0	60
Livestock	0	0	0	0	0	0	Livestock	0	0	0	0	0	0
People	48	0	0	0	0	48	People	30	0	0	0	0	30
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	20	0	20
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	6	0	0	340	75	421	Timber	0	10	0	100	75	185
Machinery	12	0	0	0	25	37	Machinery	12	0	0	20	0	32
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	102	0	0	0	0	102	Other	66	0	0	40	25	131
Container	0	0	0	20	0	20	Container	6	0	0	20	0	26

Dundee (R33 Dundee to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (24 Hours)												Date: 16-08-2023	
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	24	0	24	Fuel / Chemicals	7	0	0	24	0	31
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	319	0	0	194	30	543	Covered Load / Sail or Tarp	254	0	36	242	91	623
Sand / Stone	15	0	0	24	0	39	Sand / Stone	0	0	0	73	0	73
Livestock	0	0	0	0	0	0	Livestock	0	0	0	0	0	0
People	58	0	0	0	0	58	People	36	0	0	0	0	36
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	24	0	24
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	7	0	0	411	91	509	Timber	0	12	0	121	91	224
Machinery	15	0	0	0	30	45	Machinery	15	0	0	24	0	39
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	123	0	0	0	0	123	Other	80	0	0	48	30	159
Container	0	0	0	24	0	24	Container	7	0	0	24	0	31

Dundee (R33 Dundee 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	8833	0	8833	Fuel / Chemicals	2650	0	0	8833	0	11483
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	116596	0	0	70664	11041	198301	Covered Load / Sail or Tarp	92747	0	13250	88330	33124	227450
Sand / Stone	5300	0	0	8833	0	14133	Sand / Stone	0	0	0	26499	0	26499
Livestock	0	0	0	0	0	0	Livestock	0	0	0	0	0	0
People	21199	0	0	0	0	21199	People	13250	0	0	0	0	13250
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	8833	0	8833
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	2650	0	0	150161	33124	185935	Timber	0	4417	0	44165	33124	81705
Machinery	5300	0	0	0	11041	16341	Machinery	5300	0	0	8833	0	14133
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	45048	0	0	0	0	45048	Other	29149	0	0	17666	11041	57856
Container	0	0	0	8833	0	8833	Container	2650	0	0	8833	0	11483

Dundee (R33 Dundee to Greytown)													
Twenty Foot Equivalent Unit (TEU) (12 Hours)												Date: 16-08-2023	
Northbound							Southbound						
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL
2 Axle				1		2	2 Axle						0
3 Axle						0	3 Axle						0
4 Axle						0	4 Axle						0
5 Axle						0	5 Axle						0
6 Axle						0	6 Axle						0
≥ 7 Axle						0	≥ 7 Axle						0
TOTAL						2	TOTAL						0

Dundee (R33 Dundee to Greytown)													
Twenty Foot Equivalent Unit (TEU) (24 Hours)												Date: 16-08-2023	
Northbound							Southbound						
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL
2 Axle	0	0	0	1	0	2	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	0	0	0	0	0
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						2	TOTAL						0

Dundee (R33 Dundee 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	442	0	883	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	0	0	0	0	0
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						883	TOTAL						0