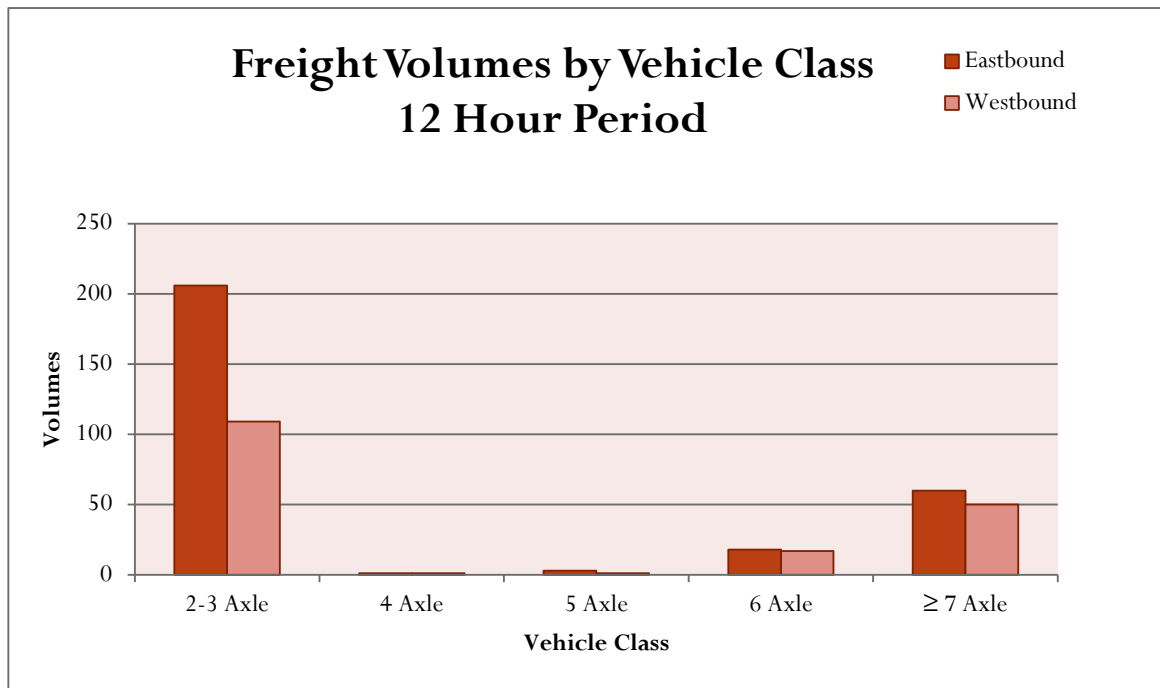


TRAFFIC HIGHLIGHTS OF SITE 1268			
1.1	Site Identifier		1268
1.2	Site Name		Kwa Dukuza
1.3	Site Description		100 Metres North of Chief Albert Luthuli Drive
1.4	Road Description	Route : R74 Road : MR 20 Section : 1 Distance : 0.0km	
1.5	GPS Position		31 17 18.0E -29 20 05.0S
1.6	Number of Lanes		2
1.7	Station Type		Permanent
1.8	Requested Period		2023 01 01 - 2023 12 31
1.9	Length of record requested (hours)		8760
1.10	Actual First & Last Dates		2023 01 01 - 2023 12 19
1.11	Actual available good data (hours)		8315
1.12	Percentage good data available for requested period		94.9
		To Greytown	To Blythdale
2.1a	Total number of vehicles (counted)	1623667	1615033
2.1b	Total number of vehicles (projected for period)	1710503	1701407
2.2	Average daily traffic (ADT)	4686	4661
2.3	Average daily truck traffic (ADTT)	248	289
2.4	Percentage of trucks	5.3	6.2
2.5	Truck split % (short:medium:long)	47 : 14 : 39	54 : 14 : 32
2.6	Percentage of night traffic (20:00 - 06:00)	9.4	9.2
3.1	Speed limit (km/hr)		60
3.2	Average speed (km/hr)	66.8	64.4
3.3	Average speed - light vehicles (km/hr)	67.2	64.9
3.4	Average speed - heavy vehicles (km/hr)	59.0	56.8
3.5	Average night speed (km/hr)	66.0	64.9
3.6	15th centile speed (km/hr)	56.7	56.7
3.7	85th centile speed (km/hr)	80.0	76.0
3.8	Percentage vehicles in excess of speed limit	68.3	63.6
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	0.0
4.2	Highest volume on the road (vehicles/hr)		2023 11 06 08:00:00
4.3	Highest volume in the North (vehs/hr)		2023 05 22 08:00:00
4.4	Highest volume in the South (vehs/hr)		2023 02 03 15:00:00
4.5	Highest volume in a lane (vehicles/hr)		2023 02 03 15:00:00
4.6	15th highest volume on the road (vehicles/hr)		2023 08 14 08:00:00
4.7	15th highest volume in the North direction (vehs/hr)		2023 07 31 08:00:00
4.8	15th highest volume in the South direction (vehs/hr)		2023 08 25 15:00:00
4.9	30th highest volume on the road (vehicles/hr)		2023 07 19 08:00:00
4.10	30th highest volume in the North direction (vehs/hr)		2023 07 24 08:00:00
4.11	30th highest volume in the South direction (vehs/hr)		2023 10 27 08:00:00
5.1	Percentage of vehicles less than 2s behind vehicle ahead	19.1	13.4
6.1	Total number of heavy vehicles (projected for period)	90426	105562
6.2	Estimated average number of axles per truck	4.2	4.7
6.3	Estimated truck mass (Ton/truck)	19.1	17.3
6.4	Estimated average E80/truck	1.6	1.0
6.5	Estimated daily E80 on the road		720
6.6	Estimated daily E80 in the North direction		385
6.7	Estimated daily E80 in the South direction		291
6.8	Actual average daily E80 in the worst North lane		337
6.9	Actual average daily E80 in the worst South lane		250
6.10	Actual average Axles/Truck (Short:Medium:Long)	(2.4 : 3.3 : 6.6)	(2.7 : 4.2 : 8.4)
6.11	Actual average Mass/Truck (Short:Medium:Long)	(12.4 : 20.2 : 27.0)	(7.8 : 15.7 : 34.0)
6.12	Actual average E80s/Truck (Short:Medium:Long)	(1.5 : 2.5 : 1.3)	(0.3 : 1.2 : 2.2)

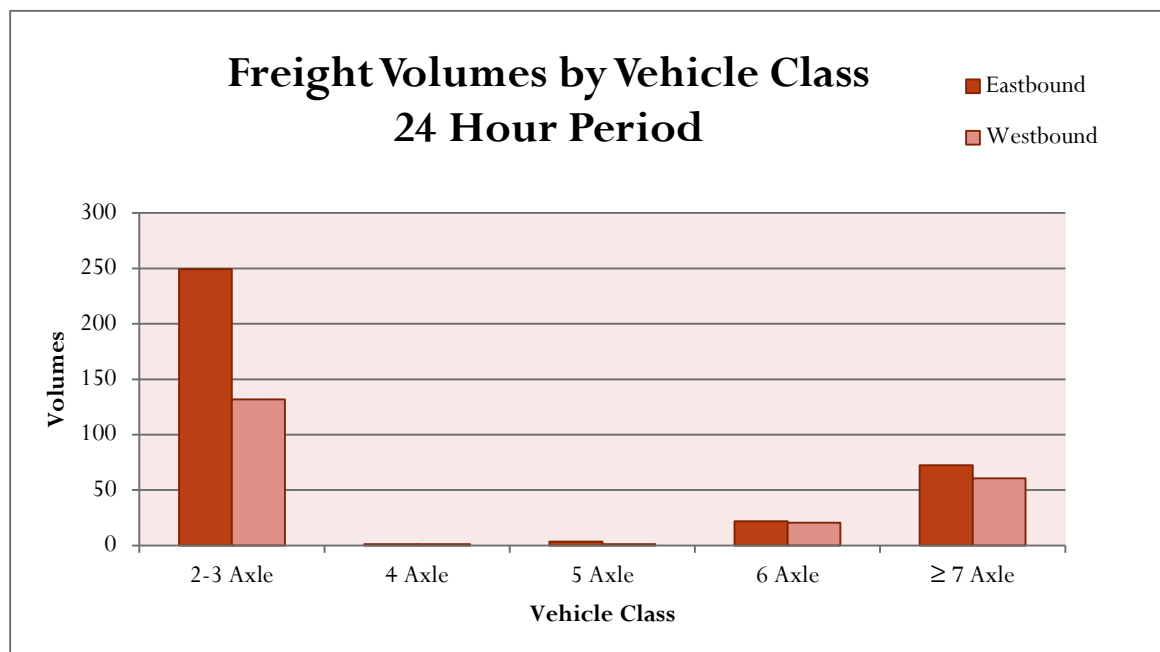
015 Stanger (R74 Blythdale to Greytown)

Date: 21-09-2023

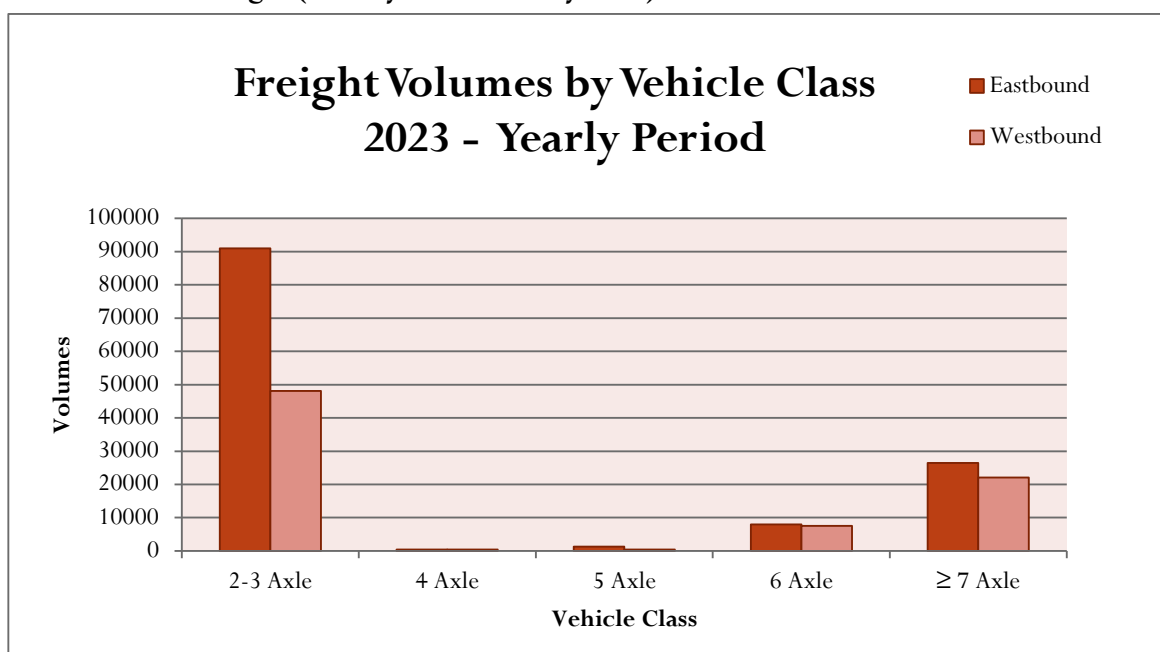


015 Stanger (R74 Blythdale to Greytown)

Date: 21-09-2023

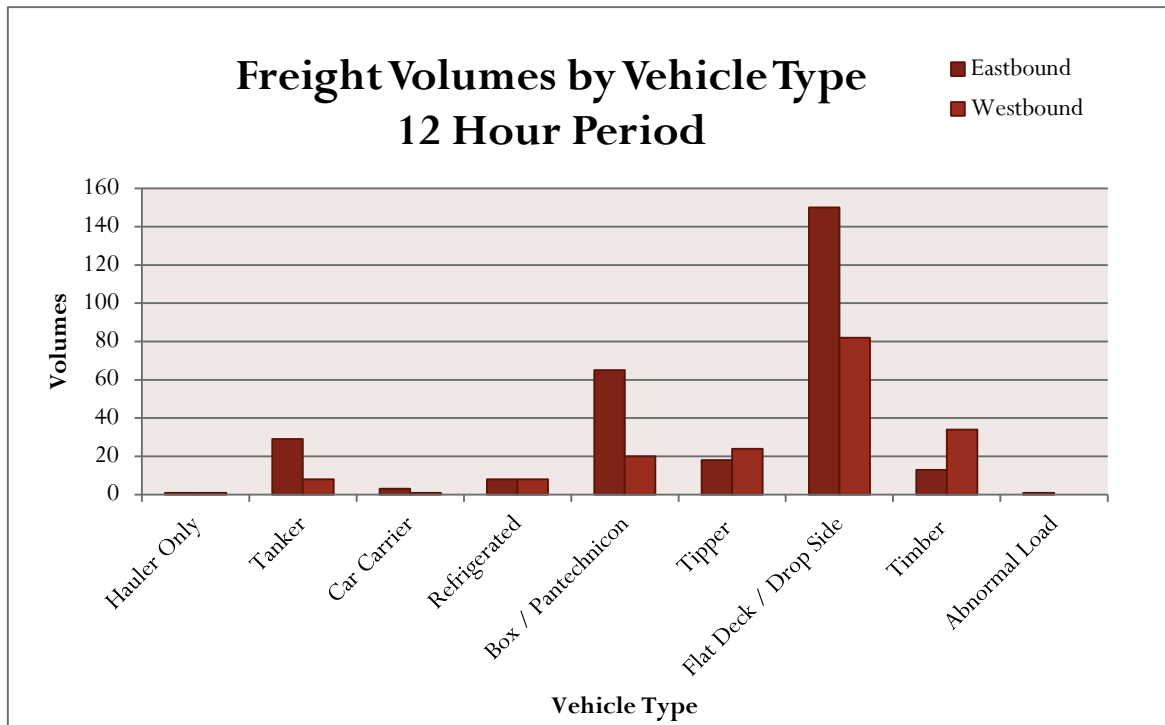


015 Stanger (R74 Blythdale to Greytown)



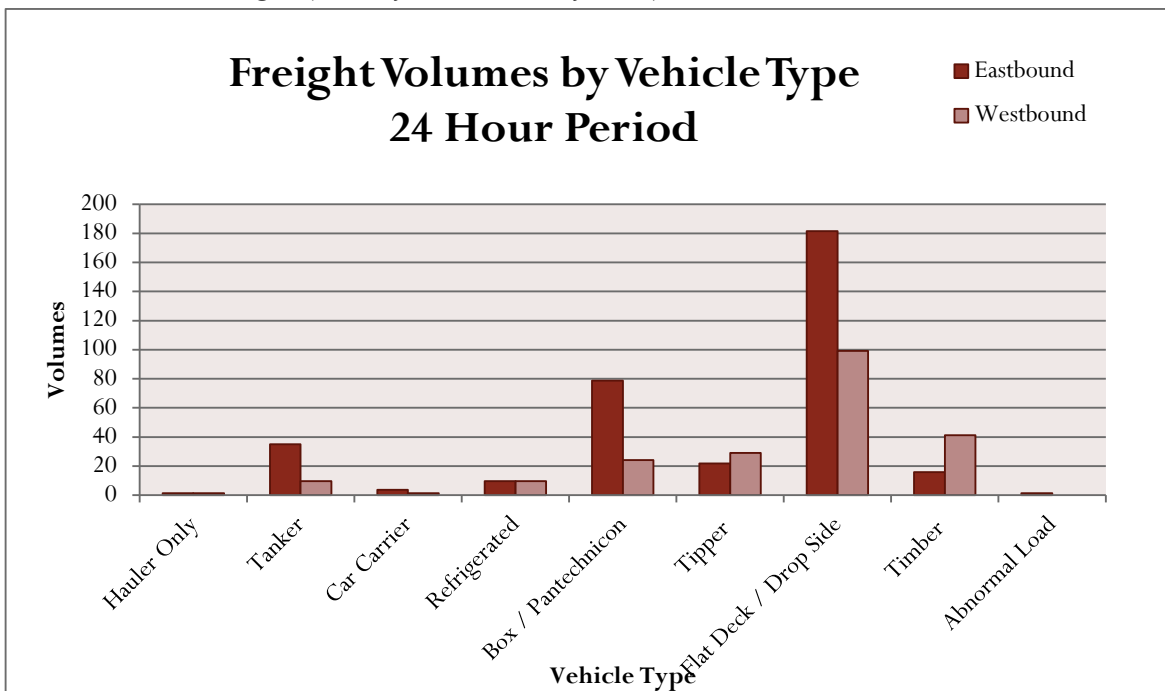
015 Stanger (R74 Blythdale to Greytown)

Date: 21-09-2023

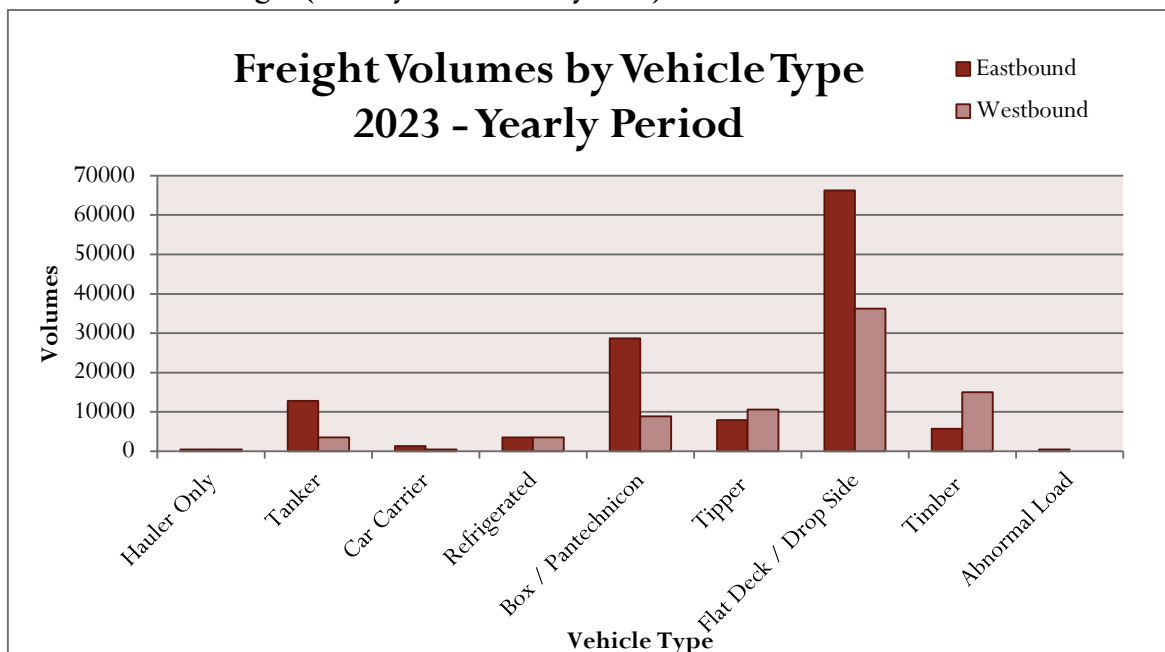


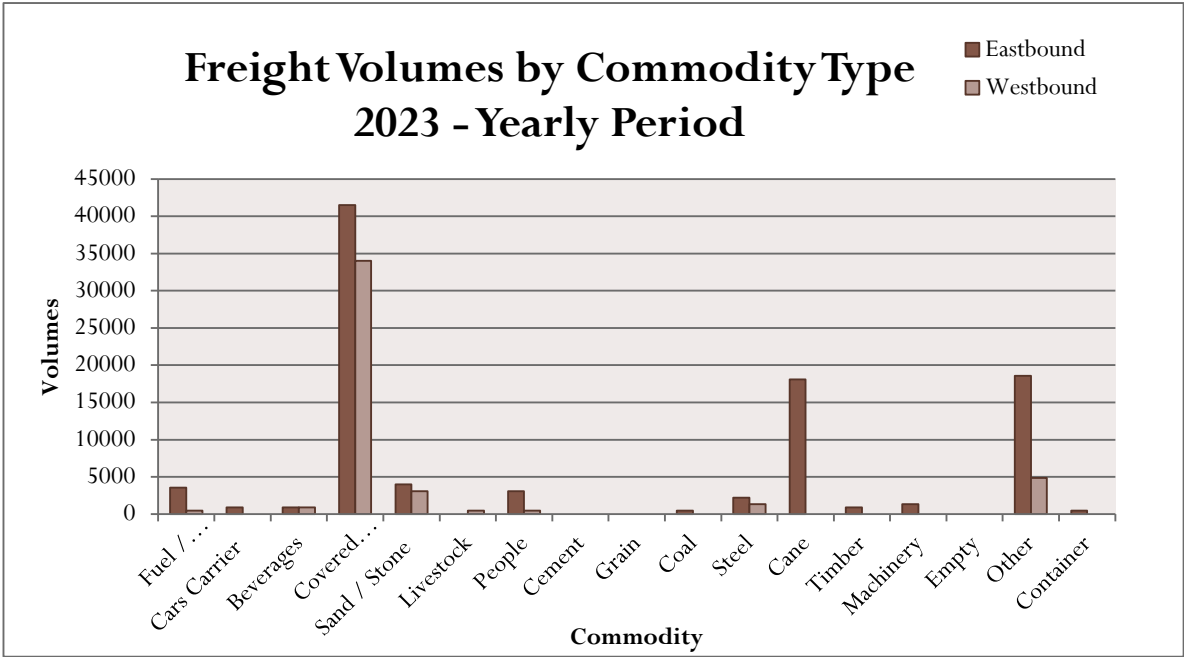
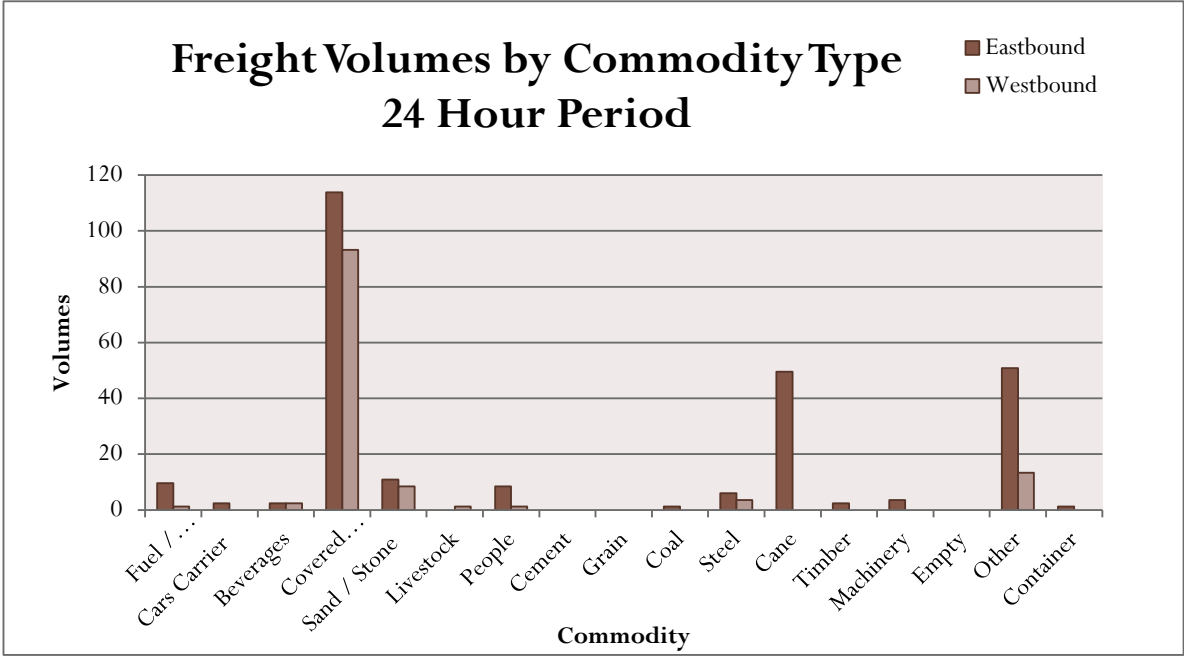
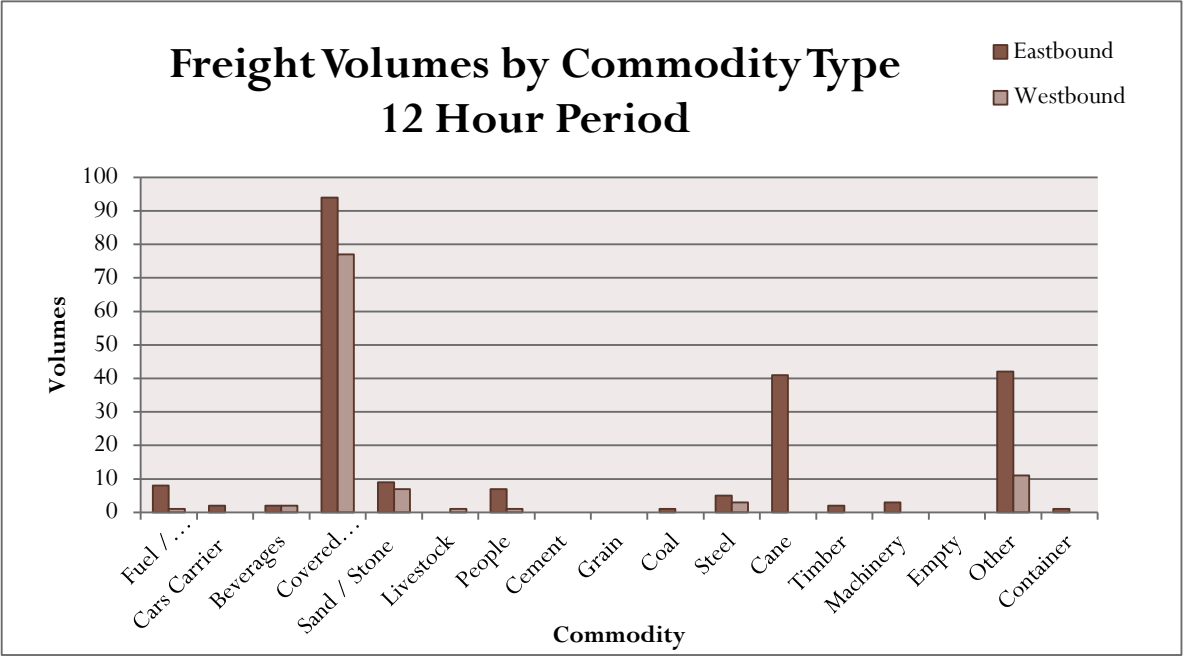
015 Stanger (R74 Blythdale to Greytown)

Date: 21-09-2023



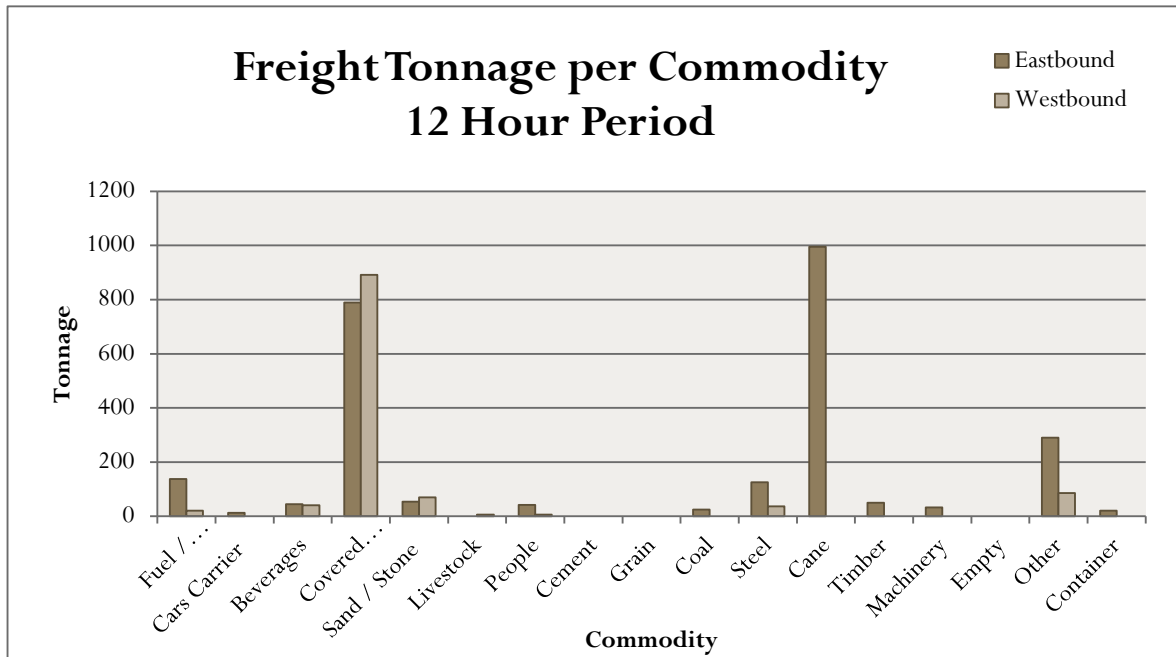
015 Stanger (R74 Blythdale to Greytown)





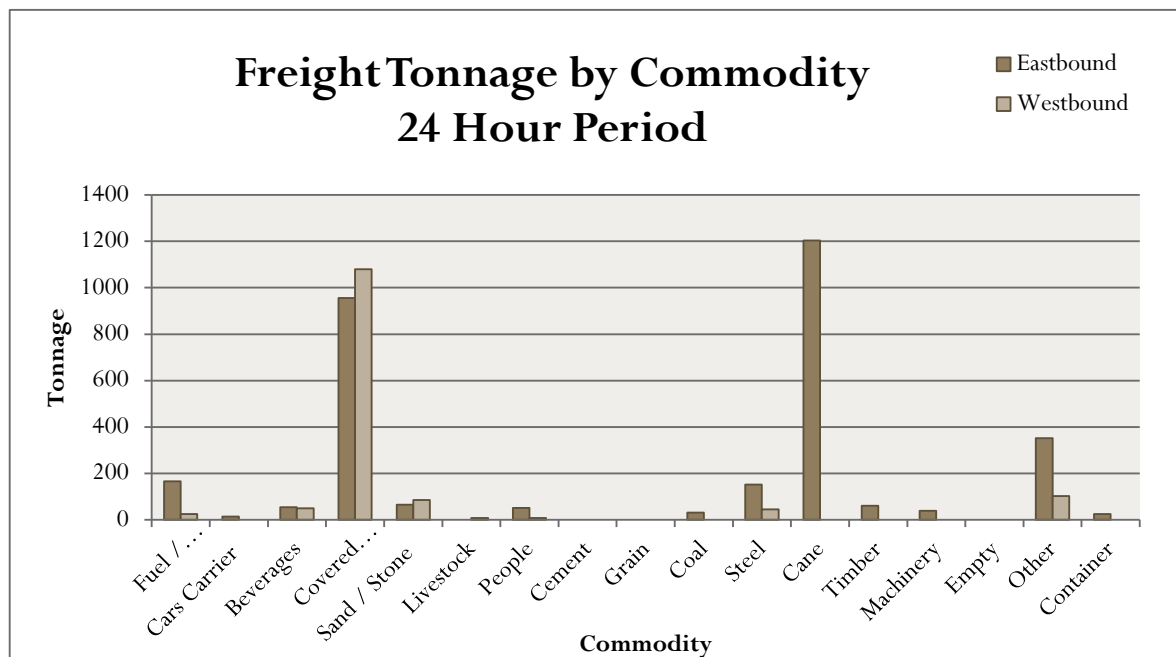
015 Stanger (R74 Blythdale to Greytown)

Date: 21-09-2023

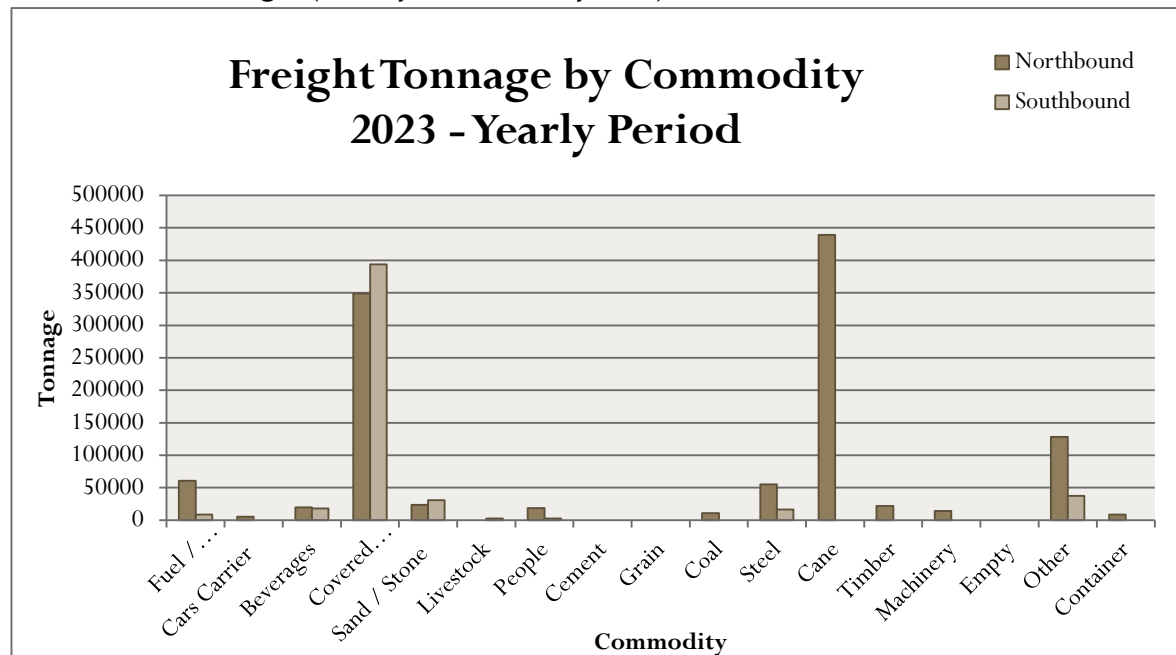


015 Stanger (R74 Blythdale to Greytown)

Date: 21-09-2023



015 Stanger (R74 Blythdale to Greytown)



015 Stanger (R74 Blythdale to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (12 Hours)												Date: 21-09-2023	
Eastbound							Westbound						
	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	12	0	0	100	25	137	Fuel / Chemicals	0	0	0	20	0	20
Cars Carrier	12	0	0	0	0	12	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	20	25	45	Beverages	6	0	15	20	0	41
Covered Load / Sail or Tarp	480	10	15	60	225	790	Covered Load / Sail or Tarp	312	10	0	120	450	892
Sand / Stone	54	0	0	0	0	54	Sand / Stone	30	0	0	40	0	70
Livestock	0	0	0	0	0	0	Livestock	6	0	0	0	0	6
People	42	0	0	0	0	42	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	25	25	Coal	0	0	0	0	0	0
Steel	0	0	0	0	125	125	Steel	12	0	0	0	25	37
Cane	0	0	15	80	900	995	Cane	0	0	0	0	0	0
Timber	0	0	0	0	50	50	Timber	0	0	0	0	0	0
Machinery	12	0	0	20	0	32	Machinery	0	0	0	0	0	0
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	240	0	0	0	50	290	Other	60	0	0	0	25	85
Container	0	0	0	20	0	20	Container	0	0	0	0	0	0

015 Stanger (R74 Blythdale to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (24 Hours)													Date: 21-09-2023
Eastbound							Westbound						
	3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	15	0	0	121	30	166	Fuel / Chemicals	0	0	0	24	0	24
Cars Carrier	15	0	0	0	0	15	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	24	30	54	Beverages	7	0	18	24	0	50
Covered Load / Sail or Tarp	581	12	18	73	272	956	Covered Load / Sail or Tarp	378	12	0	145	545	1079
Sand / Stone	65	0	0	0	0	65	Sand / Stone	36	0	0	48	0	85
Livestock	0	0	0	0	0	0	Livestock	7	0	0	0	0	7
People	51	0	0	0	0	51	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	30	30	Coal	0	0	0	0	0	0
Steel	0	0	0	0	151	151	Steel	15	0	0	0	30	45
Cane	0	0	18	97	1089	1204	Cane	0	0	0	0	0	0
Timber	0	0	0	0	61	61	Timber	0	0	0	0	0	0
Machinery	15	0	0	24	0	39	Machinery	0	0	0	0	0	0
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	290	0	0	0	61	351	Other	73	0	0	0	30	103
Container	0	0	0	24	0	24	Container	0	0	0	0	0	0

015 Stanger (R74 Blythdale to Greytown)													
Freight Tonnage by Commodity by Vehicle Class (Yearly Period)													
Eastbound							Westbound						
	3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total		3 Axle	4 Axle	5 Axle	6 Axle	≥ 7 Axle	Total
Fuel / Chemicals	5300	0	0	44165	11041	60506	Fuel / Chemicals	0	0	0	8833	0	8833
Cars Carrier	5300	0	0	0	0	5300	Cars Carrier	0	0	0	0	0	0
Beverages	0	0	0	8833	11041	19874	Beverages	2650	0	6625	8833	0	18108
Covered Load / Sail or Tarp	211992	4417	6625	26499	99371	348904	Covered Load / Sail or Tarp	137795	4417	0	52998	198743	393952
Sand / Stone	23849	0	0	0	0	23849	Sand / Stone	13250	0	0	17666	0	30916
Livestock	0	0	0	0	0	0	Livestock	2650	0	0	0	0	2650
People	18549	0	0	0	0	18549	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	11041	11041	Coal	0	0	0	0	0	0
Steel	0	0	0	0	55206	55206	Steel	5300	0	0	0	11041	16341
Cane	0	0	6625	35332	397485	439442	Cane	0	0	0	0	0	0
Timber	0	0	0	0	22083	22083	Timber	0	0	0	0	0	0
Machinery	5300	0	0	8833	0	14133	Machinery	0	0	0	0	0	0
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	105996	0	0	0	22083	128079	Other	26499	0	0	0	11041	37540
Container	0	0	0	8833	0	8833	Container	0	0	0	0	0	0

015 Stanger (R74 Blythdale to Greytown)													
Twenty Foot Equivalent Unit (TEU) (12 Hours)												Date: 21-09-2023	
Eastbound							Westbound						
	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						0
6 Axle				1		2	6 Axle						0
≥ 7 Axle						0	≥ 7 Axle						0
TOTAL						2	TOTAL						0

015 Stanger (R74 Blythdale to Greytown)													
Twenty Foot Equivalent Unit (TEU) (24 Hours)												Date: 21-09-2023	
Eastbound							Westbound						
	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	0	0	0	0	0
6 Axle	0	0	0	1	0	2	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

015 Stanger (R74 Blythdale to Greytown)													
Twenty Foot Equivalent Unit (TEU) (Yearly Period)													
Eastbound							Westbound						
	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	0	0	0	0	0
6 Axle	0	0	0	442	0	883	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