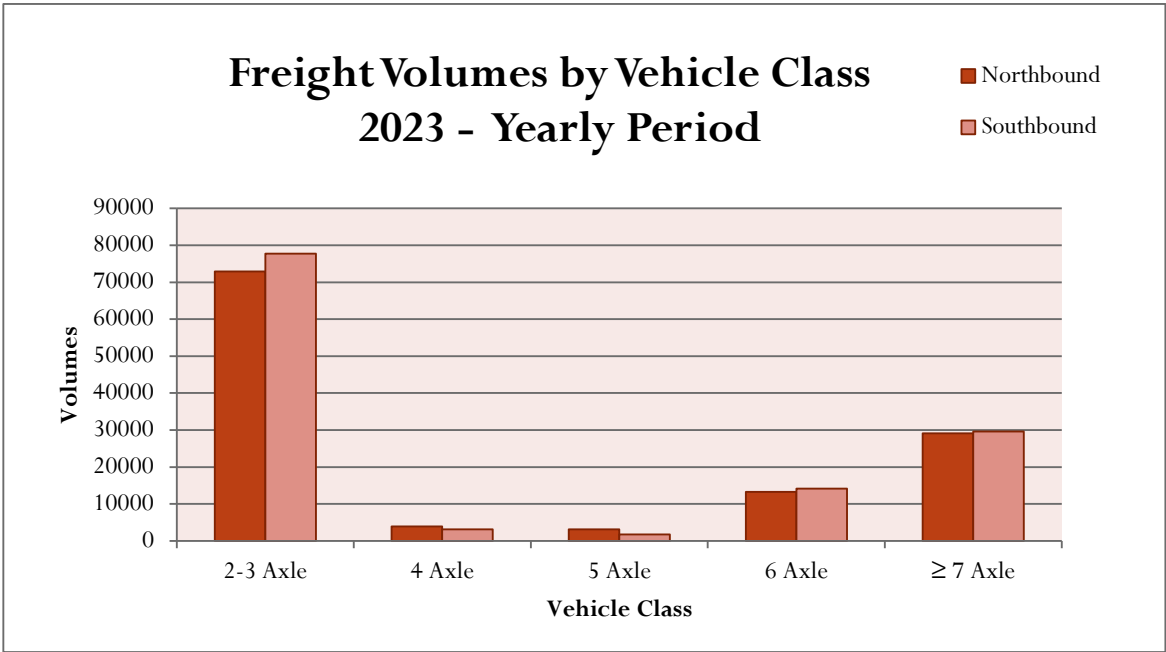
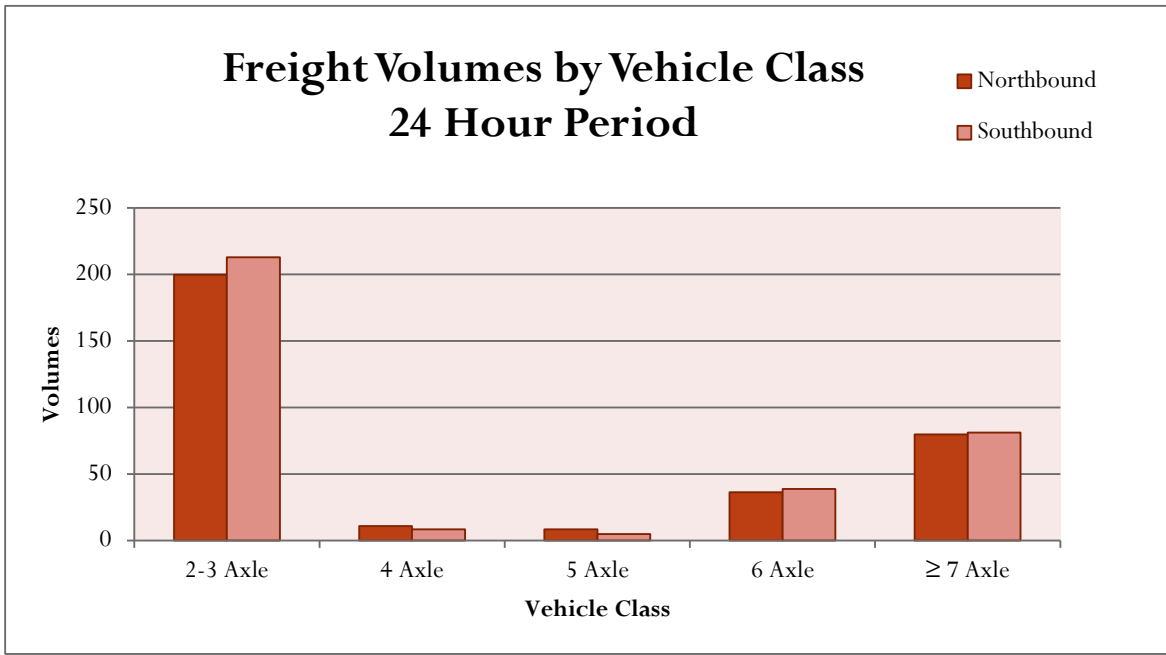
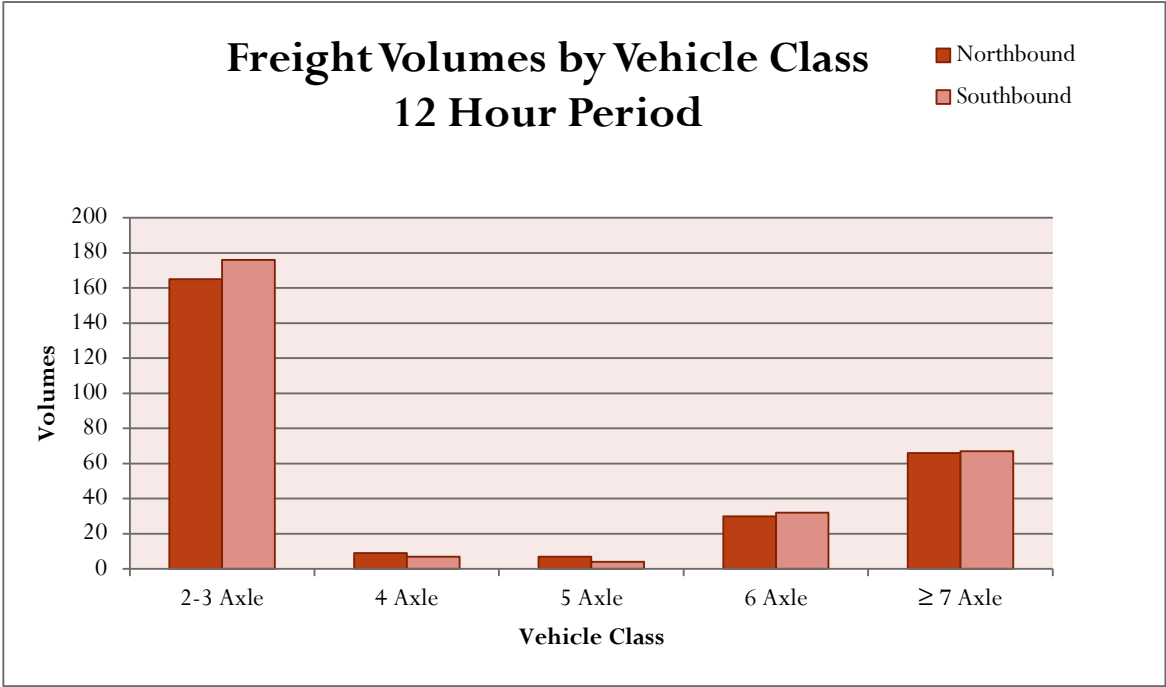
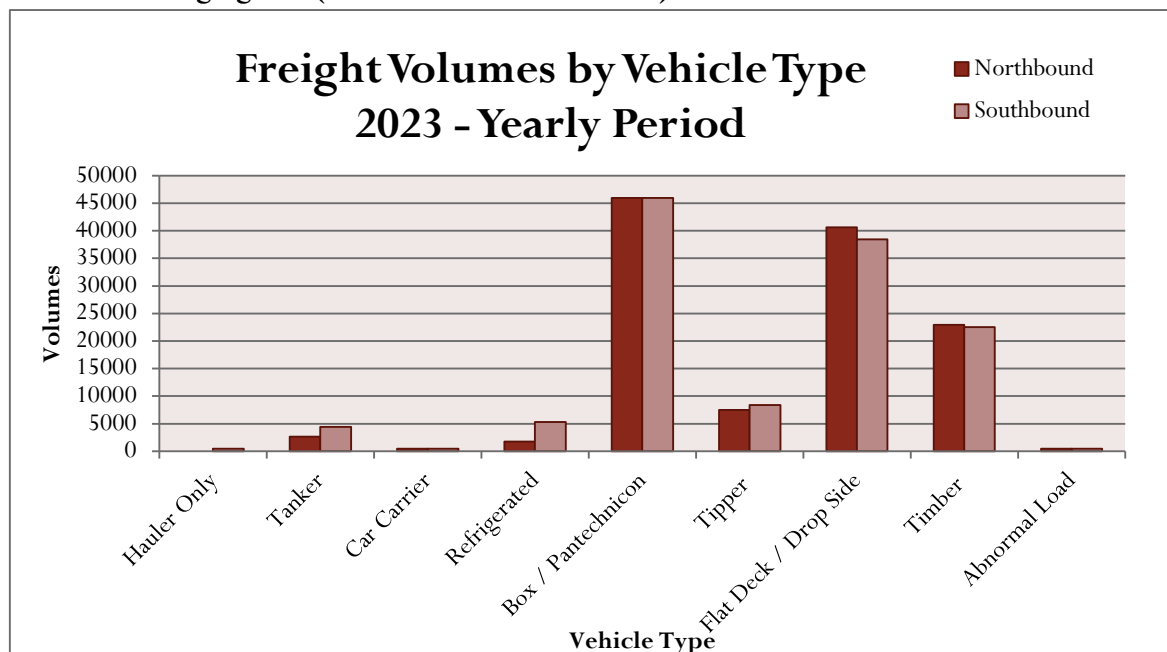
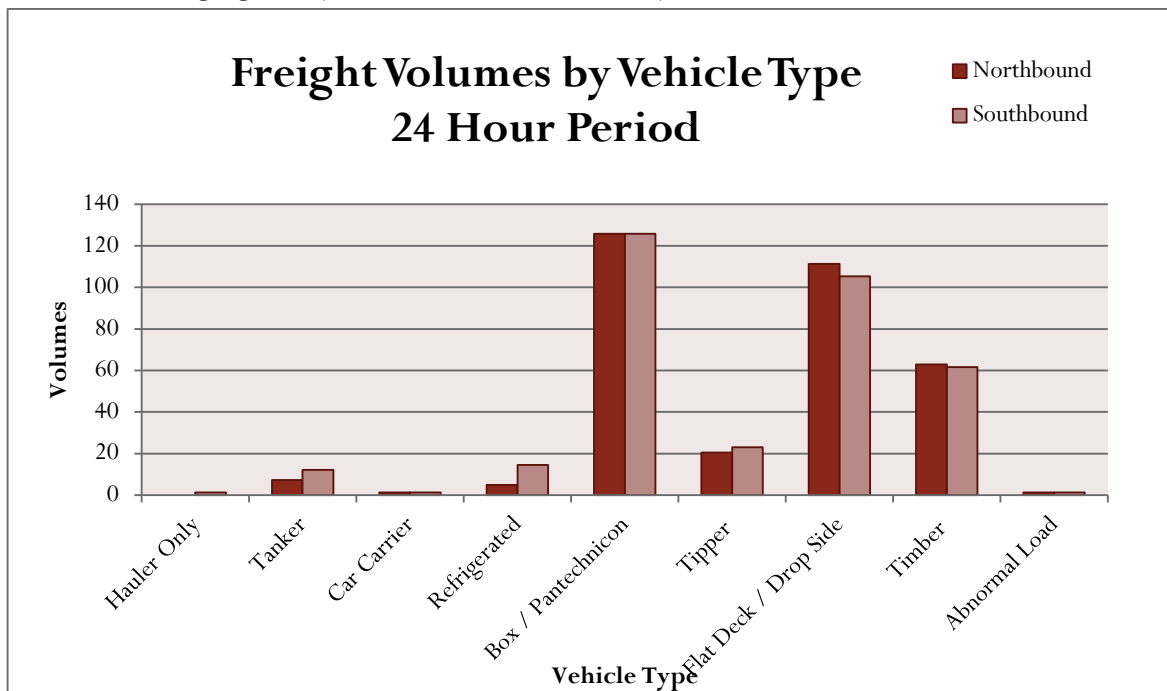
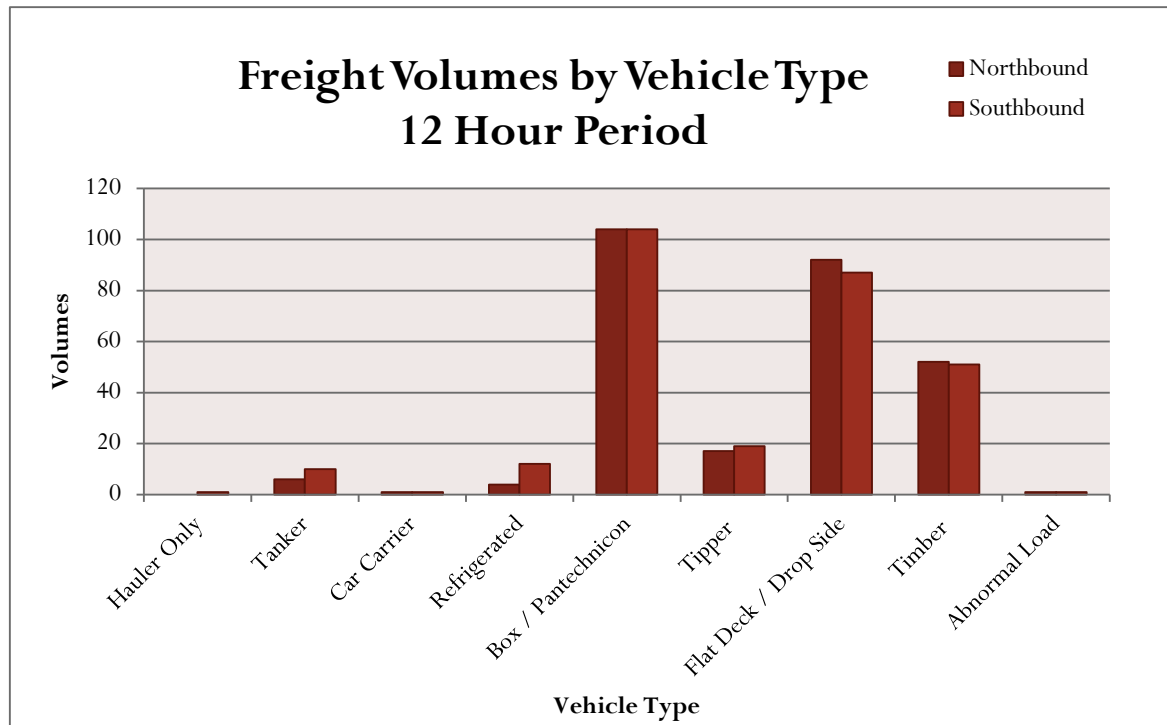
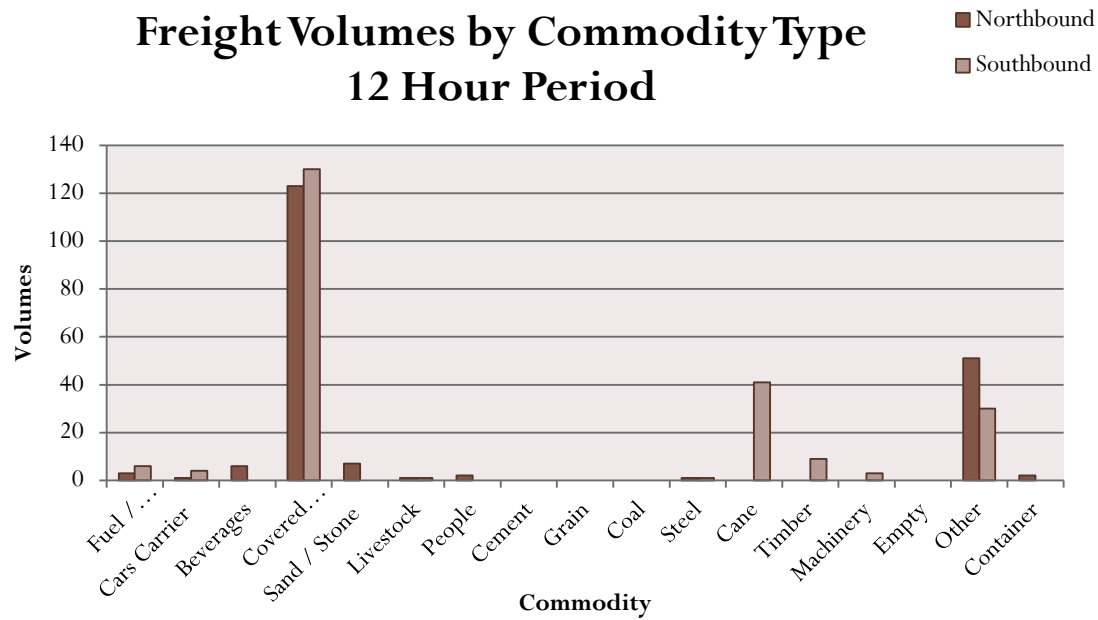


TRAFFIC HIGHLIGHTS OF SITE 1107			
1.1	Site Identifier	1107	
1.2	Site Name	Ginghlovu	
1.3	Site Description	Between Dokodweni & Eshowe	
1.4	Road Description	Route : R66 Road : MR47 Section : Distance : 16.7km	
1.5	GPS Position	31 34 23.5E -28 59 21.6S	
1.6	Number of Lanes	2	
1.7	Station Type	Permanent	
1.8	Requested Period	2022/01/01 - 2022/12/31	
1.9	Length of record requested (hours)	8760	
1.10	Actual First & Last Dates	2022/01/01 - 2022/12/31	
1.11	Actual available good data (hours)	7045	
1.12	Percentage good data available for requested period	80.4	
		To Dokedweni	Total
2.1a	Total number of vehicles (counted)	913486	1827803
2.1b	Total number of vehicles (projected for period)	1135843	2272719
2.2	Average daily traffic (ADT)	3112	6227
2.3	Average daily truck traffic (ADTT)	393	780
2.4	Percentage of trucks	12.6	12.5
2.5	Truck split % (short:medium:long)	48 : 17 : 35	47 : 17 : 36
2.6	Percentage of night traffic (20:00 - 06:00)	12.3	12.0
3.1	Speed limit (km/hr)		100
3.2	Average speed (km/hr)	73.2	73.8
3.3	Average speed - light vehicles (km/hr)	74.7	75.0
3.4	Average speed - heavy vehicles (km/hr)	62.7	64.8
3.5	Average night speed (km/hr)	71.7	73.4
3.6	15th centile speed (km/hr)	57.9	58.9
3.7	85th centile speed (km/hr)	89.0	90.0
3.8	Percentage vehicles in excess of speed limit	3.8	4.8
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.0	6.7
4.2	Highest volume on the road (vehicles/hr)	2022/12/23 15:00:00	874
4.3	Highest volume in the North (vehs/hr)	2022/12/23 15:00:00	535
4.4	Highest volume in the South (vehs/hr)	2022/10/30 18:00:00	554
4.5	Highest volume in a lane (vehicles/hr)	2022/10/30 18:00:00	554
4.6	15th highest volume on the road (vehicles/hr)	2022/04/29 17:00:00	759
4.7	15th highest volume in the North direction (vehs/hr)	2022/12/24 13:00:00	423
4.8	15th highest volume in the South direction (vehs/hr)	2022/04/14 15:00:00	412
4.9	30th highest volume on the road (vehicles/hr)	2022/04/01 17:00:00	712
4.10	30th highest volume in the North direction (vehs/hr)	2022/07/01 17:00:00	343
4.11	30th highest volume in the South direction (vehs/hr)	2022/11/18 16:00:00	386
5.1	Percentage of vehicles less than 2s behind vehicle ahead	16.7	20.5
6.1	Total number of heavy vehicles (projected for period)	143281	284673
6.2	Estimated average number of axles per truck	3.9	4.0
6.3	Estimated truck mass (Ton/truck)	17.2	19.1
6.4	Estimated average E80/truck	1.2	1.3
6.5	Estimated daily E80 on the road		1004
6.6	Estimated daily E80 in the North direction		453
6.7	Estimated daily E80 in the South direction		553
6.8	Actual average daily E80 in the worst North lane		385
6.9	Actual average daily E80 in the worst South lane		418
6.10	Actual average Axles/Truck (Short:Medium:Long)	(2.3 : 3.1 : 6.6)	(2.3 : 3.0 : 6.6)
6.11	Actual average Mass/Truck (Short:Medium:Long)	(10.7 : 17.5 : 26.1)	(9.3 : 14.9 : 38.7)
6.12	Actual average E80s/Truck (Short:Medium:Long)	(0.9 : 1.6 : 1.2)	(0.6 : 1.2 : 2.2)

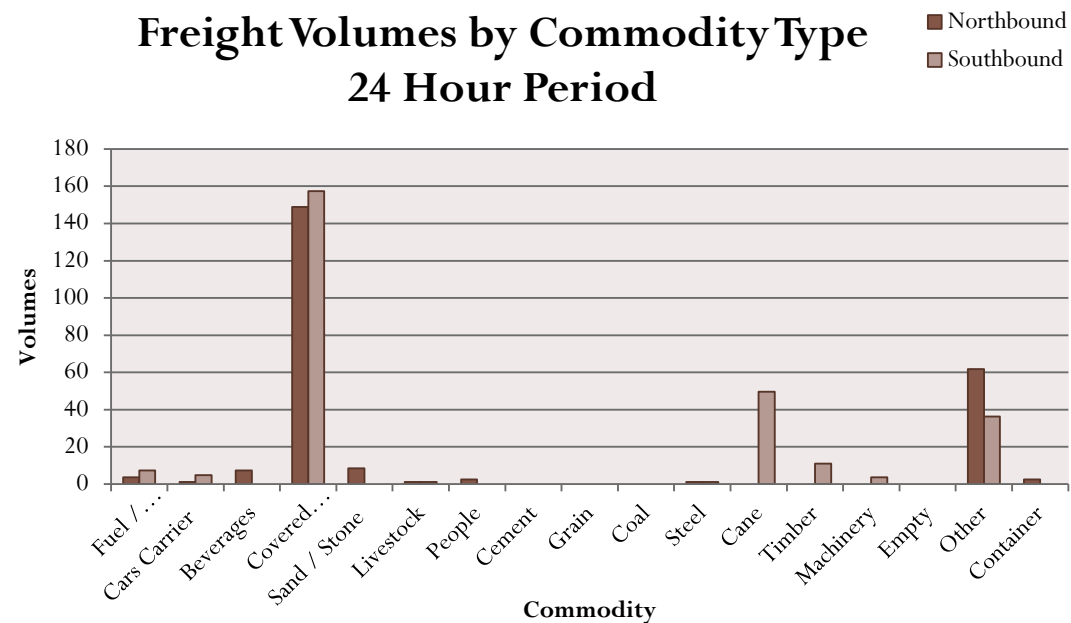




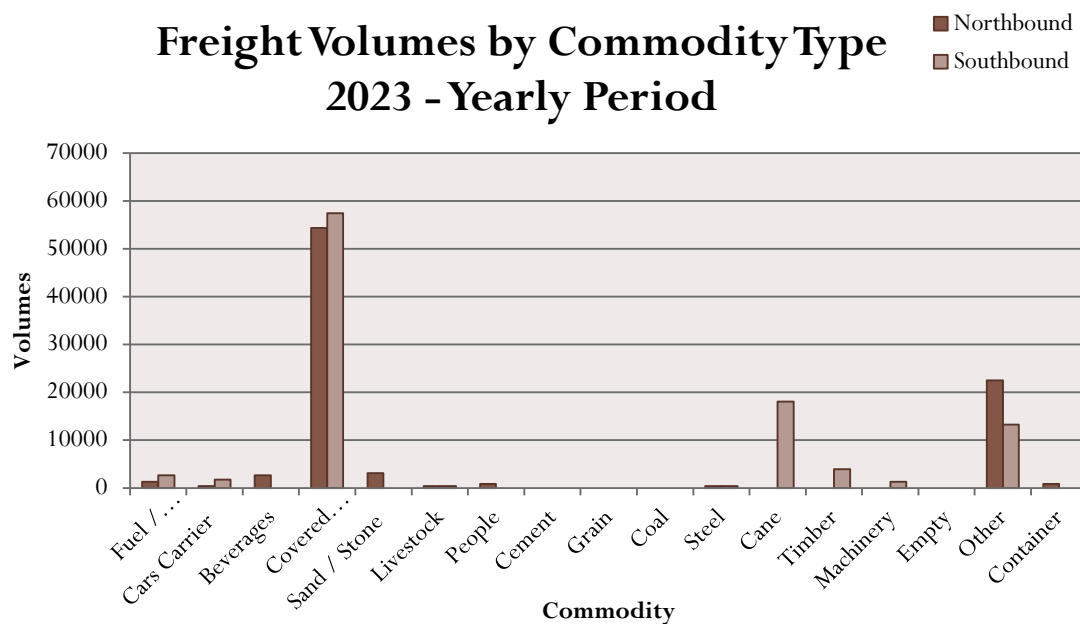
Freight Volumes by Commodity Type 12 Hour Period

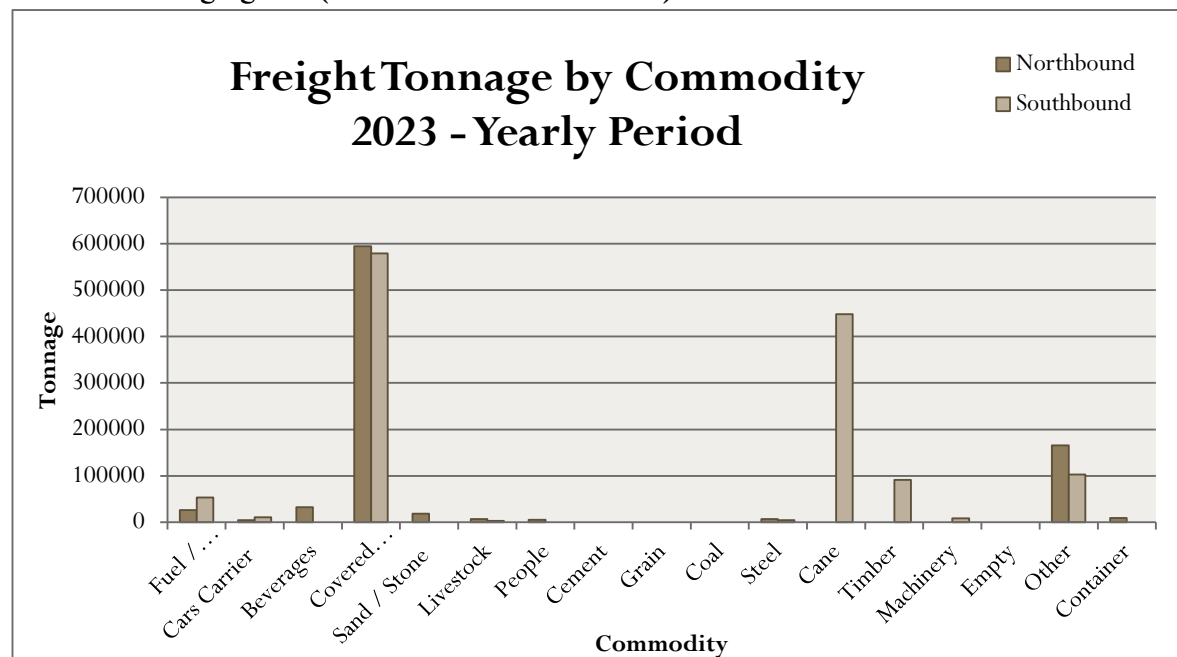
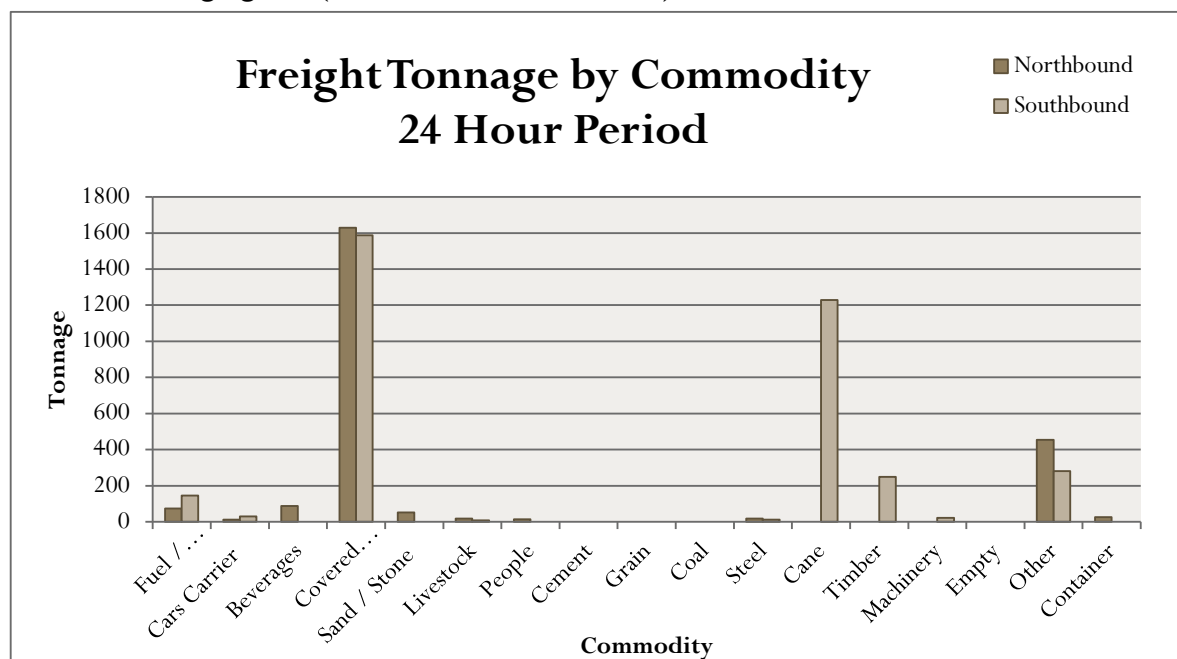
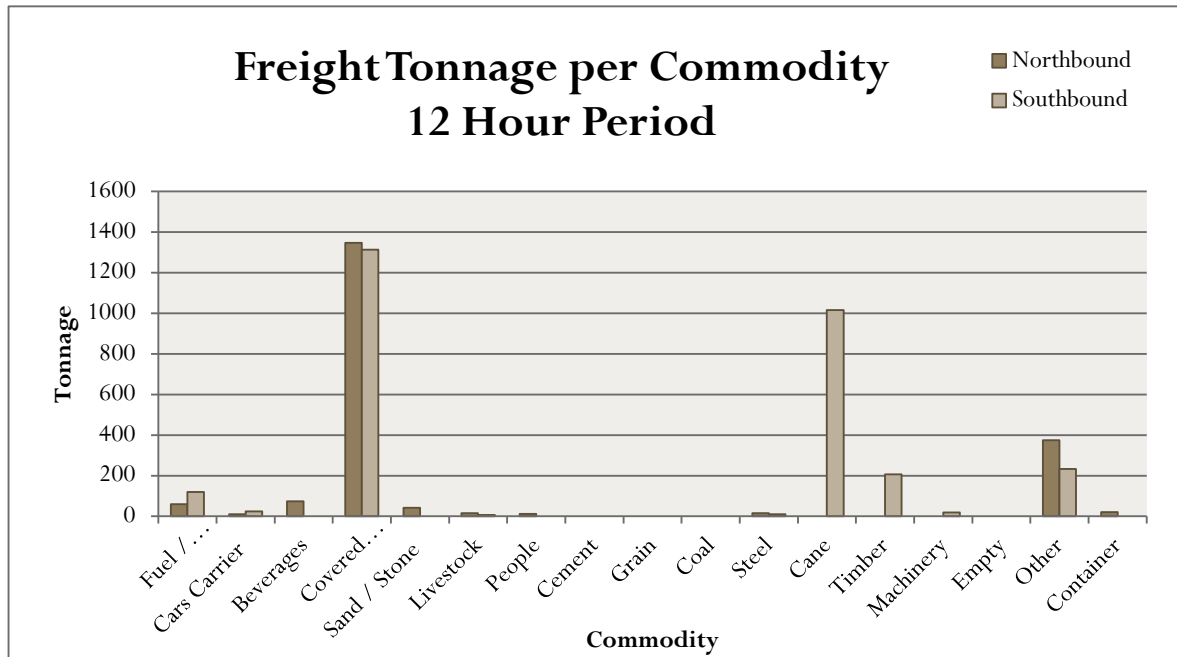


Freight Volumes by Commodity Type 24 Hour Period



Freight Volumes by Commodity Type 2023 - Yearly Period





Ginginglovu (R66 Eshowe to Dokodweni)													
Freight Tonnage by Commodity by Vehicle Class (12 Hours)												Date: 27-09-2023	
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	60	0	60	Fuel / Chemicals	0	0	0	120	0	120
Cars Carrier	0	10	0	0	0	10	Cars Carrier	24	0	0	0	0	24
Beverages	18	0	15	40	0	73	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	486	50	15	420	375	1346	Covered Load / Sail or Tarp	552	40	45	400	275	1312
Sand / Stone	42	0	0	0	0	42	Sand / Stone	0	0	0	0	0	0
Livestock	0	0	15	0	0	15	Livestock	6	0	0	0	0	6
People	12	0	0	0	0	12	People	0	0	0	0	0	0
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	15	0	0	15	Steel	0	10	0	0	0	10
Cane	0	0	0	0	0	0	Cane	0	0	15	0	1000	1015
Timber	0	0	0	0	0	0	Timber	6	0	0	0	200	206
Machinery	0	0	0	0	0	0	Machinery	18	0	0	0	0	18
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	270	20	15	20	50	375	Other	162	0	0	20	50	232
Container	6	0	15	0	0	21	Container	0	0	0	0	0	0

Ginginglovu (R66 Eshowe to Dokodweni)													
Freight Tonnage by Commodity by Vehicle Class (24 Hours)												Date: 27-09-2023	
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	73	0	73	Fuel / Chemicals	0	0	0	145	0	145
Cars Carrier	0	12	0	0	0	12	Cars Carrier	29	0	0	0	0	29
Beverages	22	0	18	48	0	88	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	588	61	18	508	454	1629	Covered Load / Sail or Tarp	668	48	54	484	333	1588
Sand / Stone	51	0	0	0	0	51	Sand / Stone	0	0	0	0	0	0
Livestock	0	0	18	0	0	18	Livestock	7	0	0	0	0	7
People	15	0	0	0	0	15	People	0	0	0	0	0	0
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	18	0	0	18	Steel	0	12	0	0	0	12
Cane	0	0	0	0	0	0	Cane	0	0	18	0	1210	1228
Timber	0	0	0	0	0	0	Timber	7	0	0	0	242	249
Machinery	0	0	0	0	0	0	Machinery	22	0	0	0	0	22
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	327	24	18	24	61	454	Other	196	0	0	24	61	281
Container	7	0	18	0	0	25	Container	0	0	0	0	0	0

Ginginglovu (R66 Eshowe to Dokodweni)													
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	26499	0	26499	Fuel / Chemicals	0	0	0	52998	0	52998
Cars Carrier	0	4417	0	0	0	4417	Cars Carrier	10600	0	0	0	0	10600
Beverages	7950	0	6625	17666	0	32240	Beverages	0	0	0	0	0	0
Covered Load / Sail or Tarp	214642	22083	6625	185493	165619	594461	Covered Load / Sail or Tarp	243791	17666	19874	176660	121454	579445
Sand / Stone	18549	0	0	0	0	18549	Sand / Stone	0	0	0	0	0	0
Livestock	0	0	6625	0	0	6625	Livestock	2650	0	0	0	0	2650
People	5300	0	0	0	0	5300	People	0	0	0	0	0	0
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	6625	0	0	6625	Steel	0	4417	0	0	0	4417
Cane	0	0	0	0	0	0	Cane	0	0	6625	0	441650	448275
Timber	0	0	0	0	0	0	Timber	2650	0	0	0	88330	90980
Machinery	0	0	0	0	0	0	Machinery	7950	0	0	0	0	7950
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	119246	8833	6625	8833	22083	165619	Other	71547	0	0	8833	22083	102463
Container	2650	0	6625	0	0	9275	Container	0	0	0	0	0	0

Ginginglovu (R66 Eshowe to Dokodweni) Twenty Foot Equivalent Unit (TEU) (12 Hours) Date: 27-09-2023													
Northbound							Southbound						
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL
2 Axle	1					1	2 Axle						0
3 Axle						0	3 Axle						0
4 Axle						0	4 Axle						0
5 Axle				1		2	5 Axle						0
6 Axle						0	6 Axle						0
≥ 7 Axle						0	≥ 7 Axle						0
TOTAL						3	TOTAL						0

Ginginglovu (R66 Eshowe to Dokodweni) Twenty Foot Equivalent Unit (TEU) (24 Hours) Date: 27-09-2023													
Northbound							Southbound						
	1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL		1x6	2x6	3x6	1x12	1x6 + 1x12	TOTAL
2 Axle	1	0	0	0	0	1	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	1	0	2	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						4	TOTAL						0

Ginginglovu (R66 Eshowe to Dokodweni) 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	442	0	0	0	0	442	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	442	0	883	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						1325	TOTAL						0