

TRAFFIC HIGHLIGHTS OF SITE 1267			
1.1	Site Identifier	1267	
1.2	Site Name	Balgowan North	
1.3	Site Description	Balgowan N - Between Midmar & Nottingham Road	
1.4	Road Description	Route : R 103 Road : MR 1 Section : Distance : 0.0km	
1.5	GPS Position	30 10 31.0E -29 28 34.0S	
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)	8742	
1.12	Percentage good data available for requested period	99.8	
		To Nottingham Road	Total
2.1a	Total number of vehicles (counted)	826658	1674982
2.1b	Total number of vehicles (projected for period)	828308	1678325
2.2	Average daily traffic (ADT)	2269	4598
2.3	Average daily truck traffic (ADTT)	195	380
2.4	Percentage of trucks	8.6	8.3
2.5	Truck split % (short:medium:long)	80 : 12 : 8	79 : 12 : 9
2.6	Percentage of night traffic (20:00 - 06:00)	5.5	5.6
3.1	Speed limit (km/hr)		80
3.2	Average speed (km/hr)	74.2	72.6
3.3	Average speed - light vehicles (km/hr)	74.6	73.0
3.4	Average speed - heavy vehicles (km/hr)	70.2	68.5
3.5	Average night speed (km/hr)	76.1	75.0
3.6	15th centile speed (km/hr)	60.9	58.9
3.7	85th centile speed (km/hr)	89.0	87.0
3.8	Percentage vehicles in excess of speed limit	31.1	26.5
4.1	Percentage vehicles in flows over 600 vehicles/hr	0.2	1.5
4.2	Highest volume on the road (vehicles/hr)	2022/06/24 17:00:00	1139
4.3	Highest volume in the North (vehs/hr)	2022/06/16 15:00:00	674
4.4	Highest volume in the South (vehs/hr)	2022/06/24 17:00:00	932
4.5	Highest volume in a lane (vehicles/hr)	2022/06/24 17:00:00	932
4.6	15th highest volume on the road (vehicles/hr)	2022/06/16 13:00:00	741
4.7	15th highest volume in the North direction (vehs/hr)	2022/12/27 13:00:00	376
4.8	15th highest volume in the South direction (vehs/hr)	2022/05/28 18:00:00	491
4.9	30th highest volume on the road (vehicles/hr)	2022/12/27 13:00:00	617
4.10	30th highest volume in the North direction (vehs/hr)	2022/02/12 14:00:00	324
4.11	30th highest volume in the South direction (vehs/hr)	2022/03/07 16:00:00	376
5.1	Percentage of vehicles less than 2s behind vehicle ahead	10.6	16.0
6.1	Total number of heavy vehicles (projected for period)	71255	138690
6.2	Estimated average number of axles per truck	2.6	2.7
6.3	Estimated truck mass (Ton/truck)	10.4	11.1
6.4	Estimated average E80/truck	0.6	0.6
6.5	Estimated daily E80 on the road		215
6.6	Estimated daily E80 in the North direction		115
6.7	Estimated daily E80 in the South direction		102
6.8	Actual average daily E80 in the worst North lane		75
6.9	Actual average daily E80 in the worst South lane		81
6.10	Actual average Axles/Truck (Short:Medium:Long)	(2.2 : 3.1 : 6.3)	(2.2 : 3.2 : 6.3)
6.11	Actual average Mass/Truck (Short:Medium:Long)	(8.3 : 15.5 : 23.2)	(8.4 : 15.4 : 29.1)
6.12	Actual average E80s/Truck (Short:Medium:Long)	(0.5 : 0.9 : 1.0)	(0.4 : 0.8 : 1.7)

L/H/Volume Report

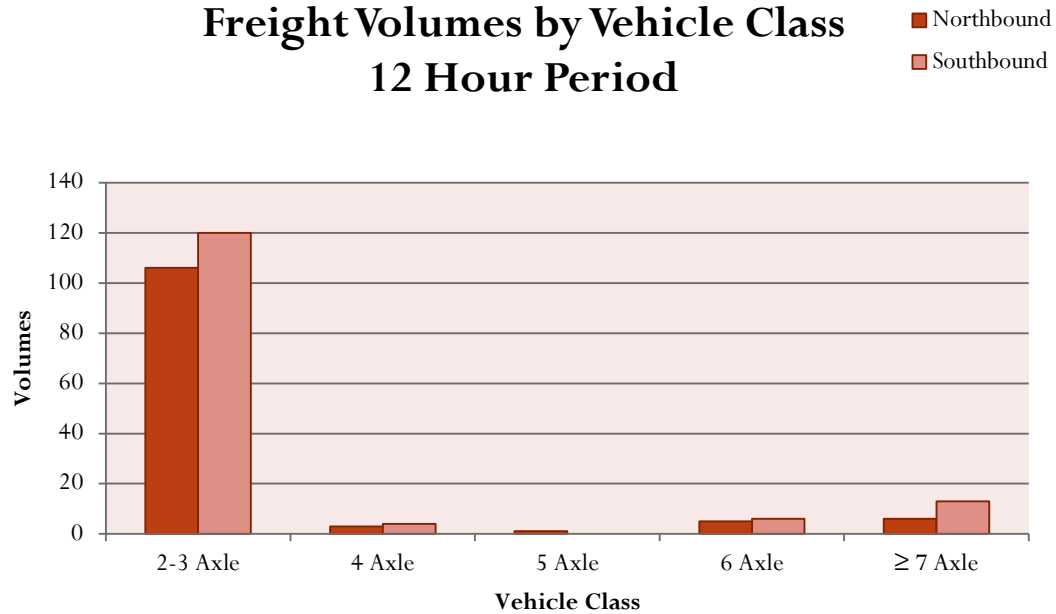
Date : 2023/10/02
Site : 1267 - Balgowan North
Description : Balgowan N - Between Midmar & Nottingham Road

Date	Time	Dur.	Lane 1			Lane 2			To Nottingham Road			To Midmar		
			Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total	Light	Hvy	Total
231002	00:00	24:00	1980	193	2173	1993	172	2165	1980	193	2173	1993	172	2165
231003	00:00	24:00	2032	220	2252	2011	181	2192	2032	220	2252	2011	181	2192
231004	00:00	24:00	2020	195	2215	2054	195	2249	2020	195	2215	2054	195	2249
231005	00:00	24:00	1962	210	2172	1953	206	2159	1962	210	2172	1953	206	2159
231006	00:00	24:00	2368	212	2580	2280	194	2474	2368	212	2580	2280	194	2474
231007	00:00	24:00	2295	109	2404	2243	93	2336	2295	109	2404	2243	93	2336
231008	00:00	24:00	1595	46	1641	1830	37	1867	1595	46	1641	1830	37	1867

Balgowan (R103 Midmar to Nottingham Road)

Date: 16-08-2023

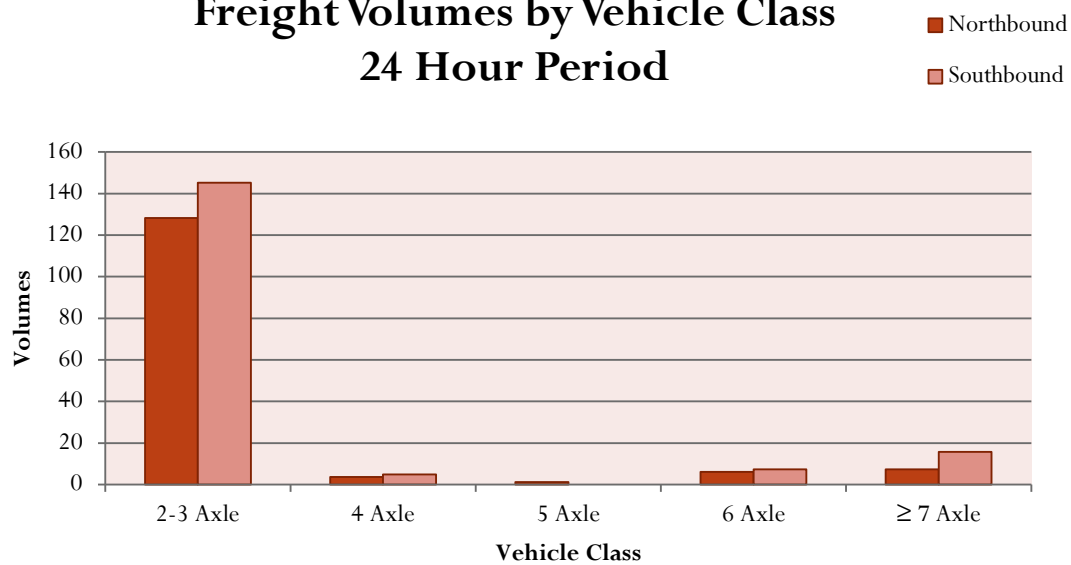
Freight Volumes by Vehicle Class 12 Hour Period



Balgowan (R103 Midmar to Nottingham Road)

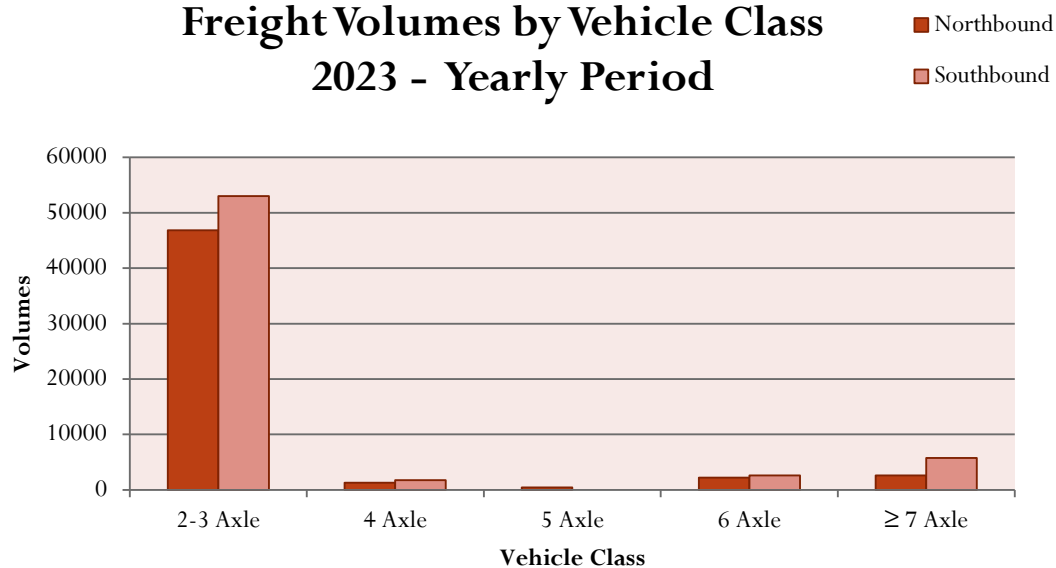
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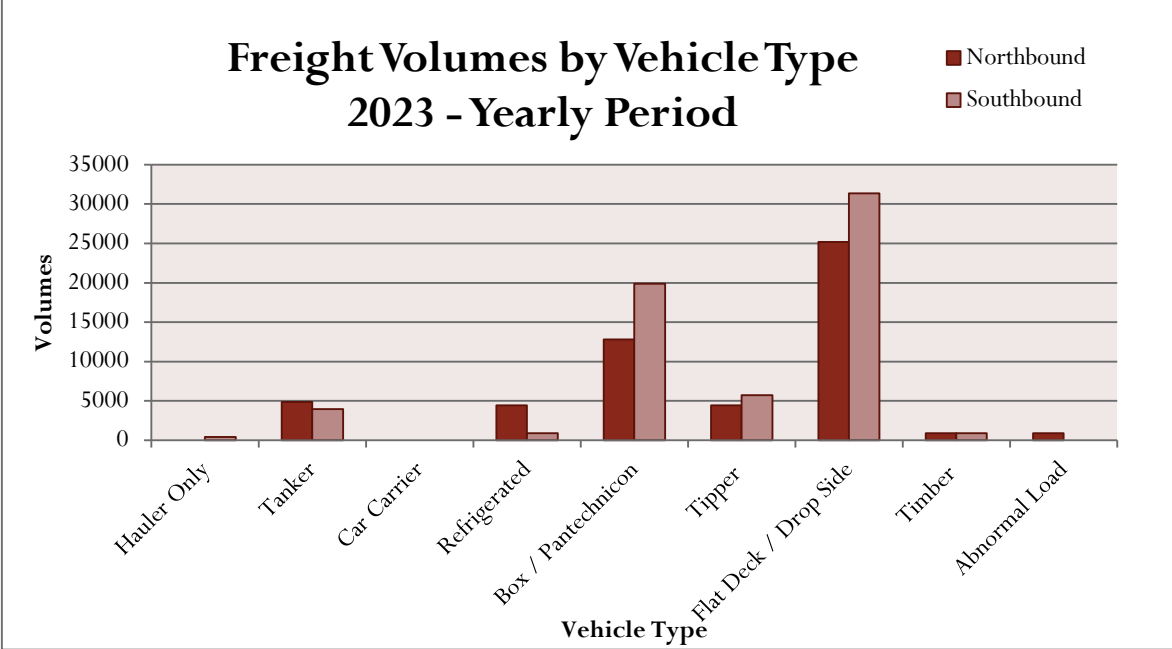
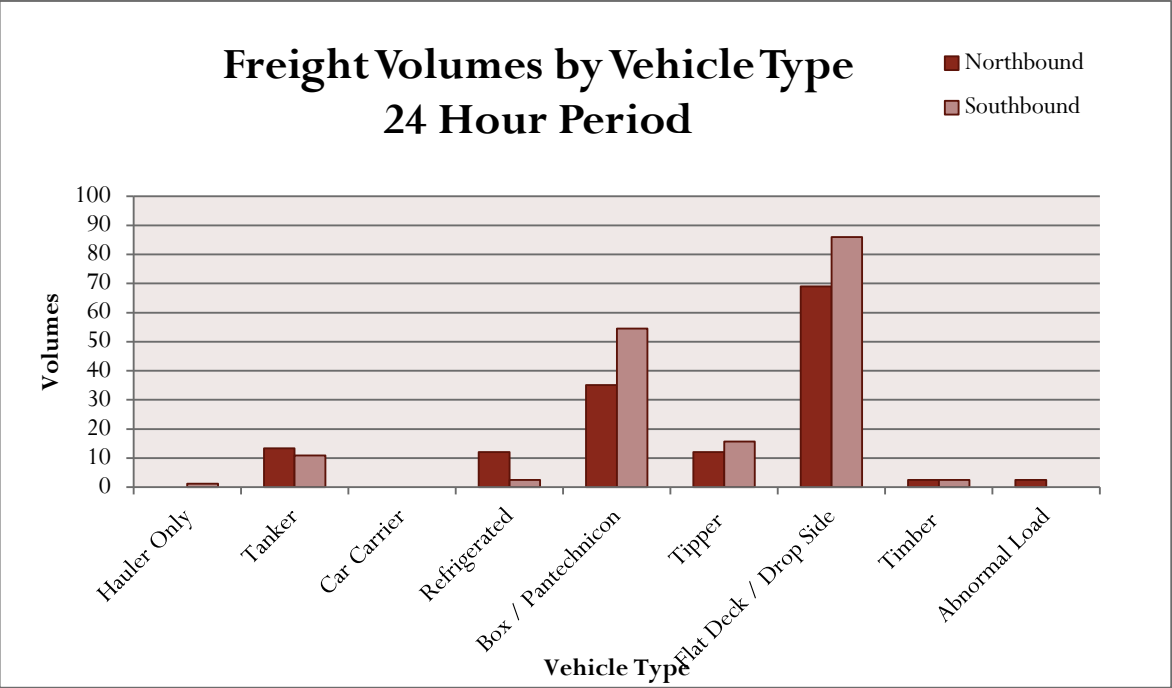
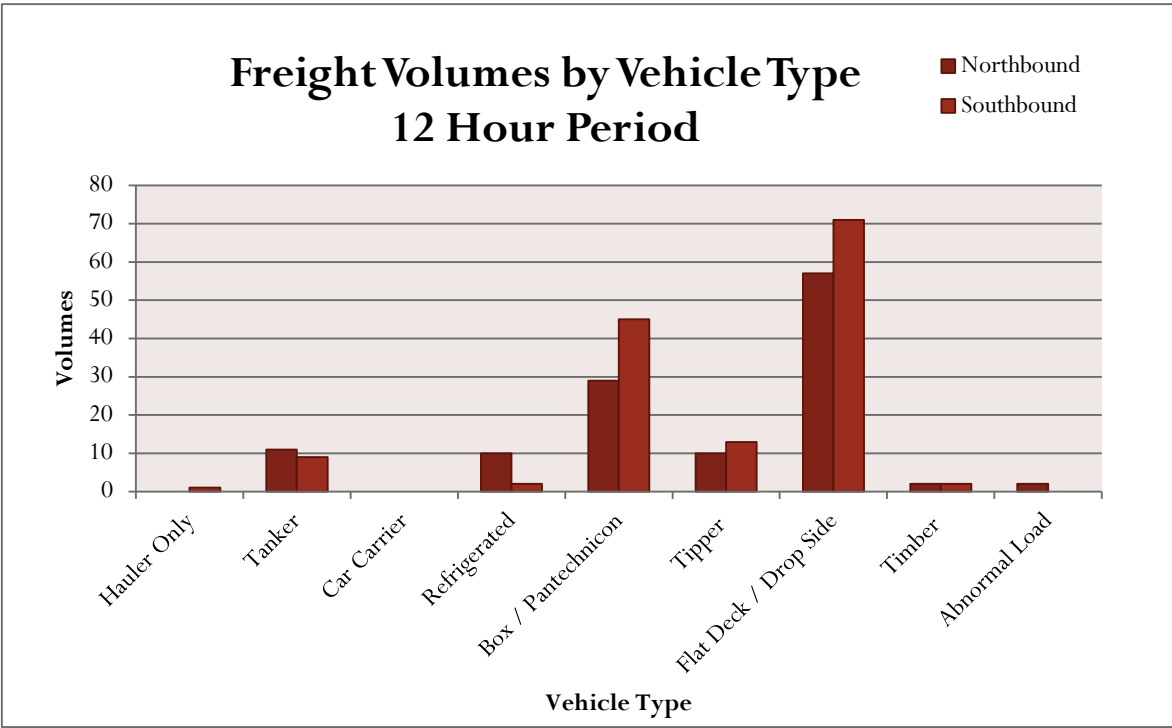
Freight Volumes by Vehicle Class 24 Hour Period



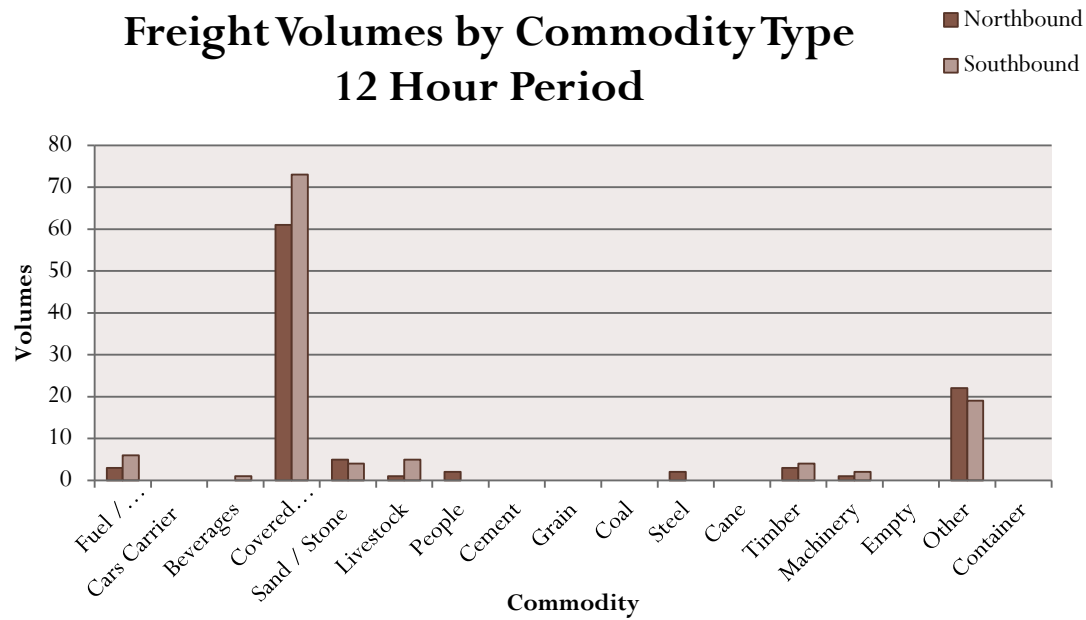
Balgowan (R103 Midmar to Nottingham Road)

Freight Volumes by Vehicle Class 2023 - Yearly Period

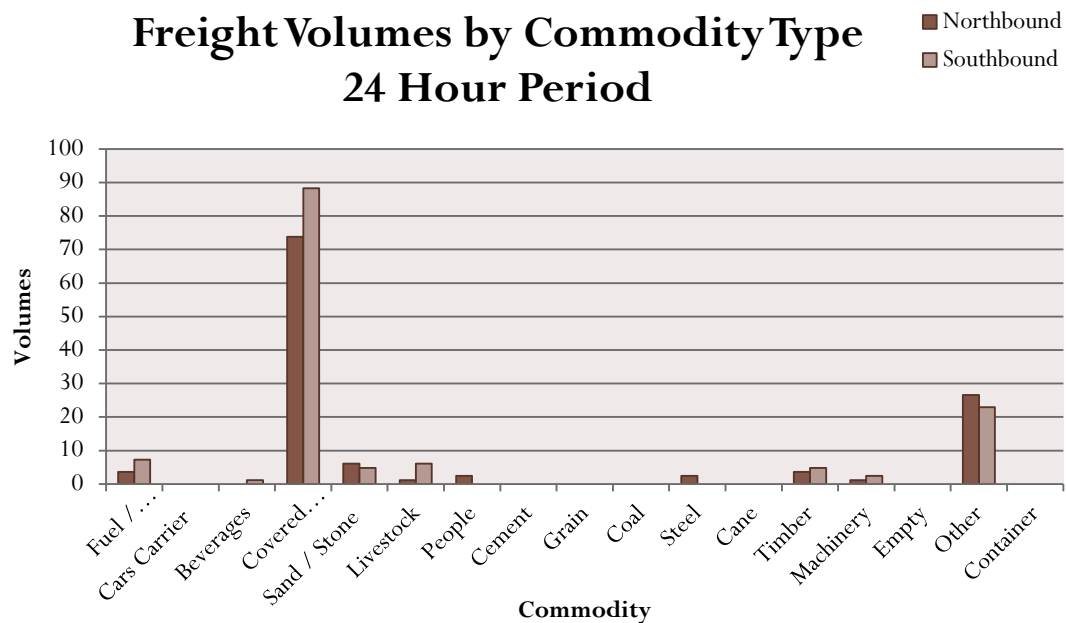




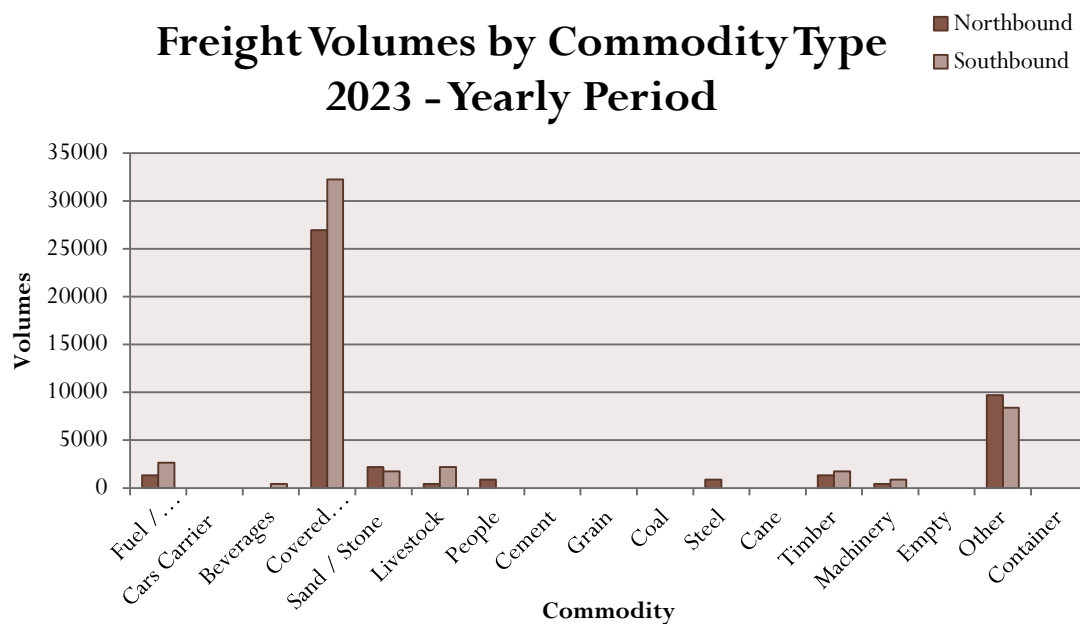
Freight Volumes by Commodity Type 12 Hour Period

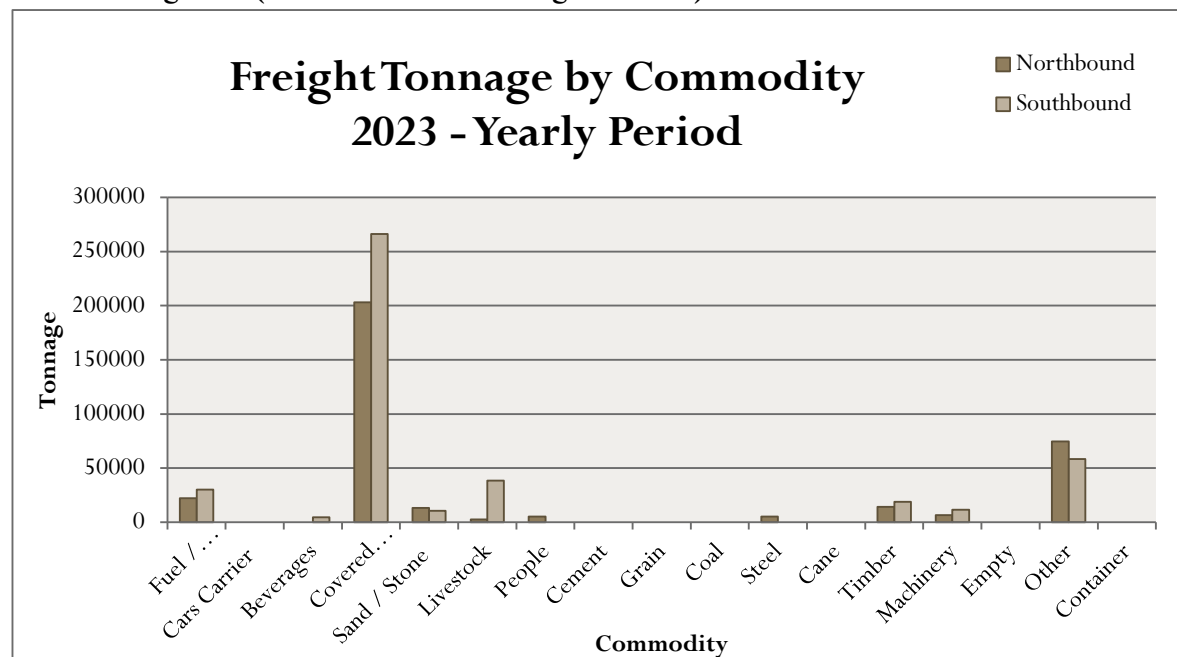
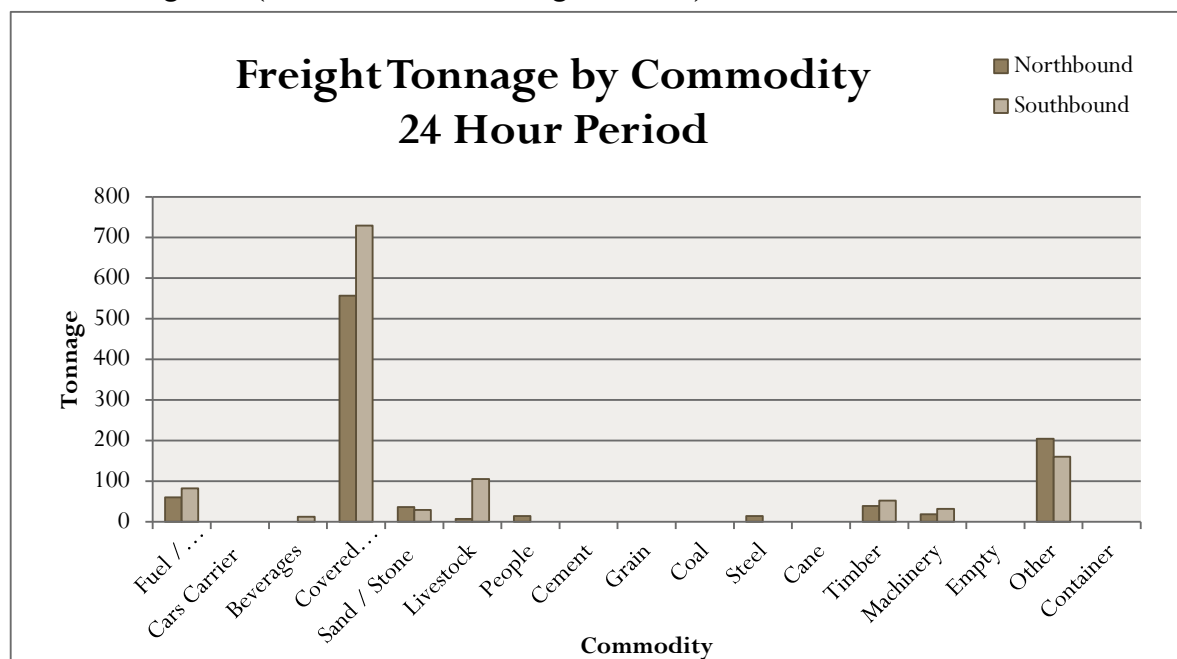
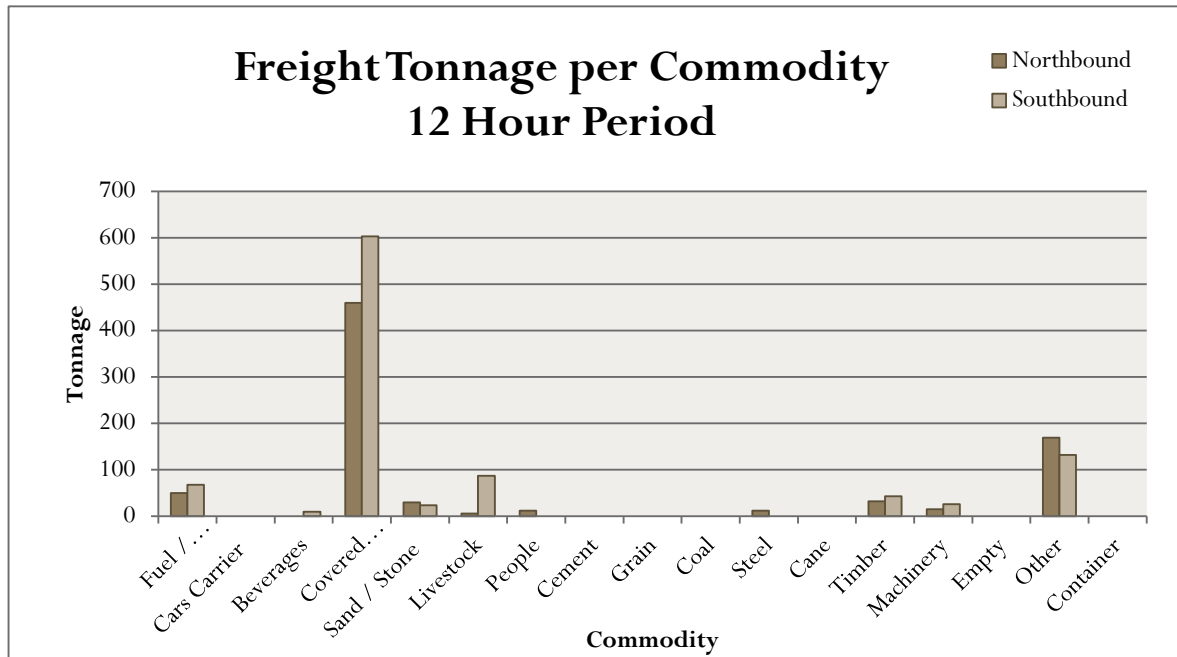


Freight Volumes by Commodity Type 24 Hour Period



Freight Volumes by Commodity Type 2023 - Yearly Period





Balgowan (R103 Midmar to Nottingham Road)													
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	10	0	40	0	50	Fuel / Chemicals	18	10	0	40	0	68
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	10	0	0	0	10
Covered Load / Sail or Tarp	330	10	0	20	100	460	Covered Load / Sail or Tarp	378	10	0	40	175	603
Sand / Stone	30	0	0	0	0	30	Sand / Stone	24	0	0	0	0	24
Livestock	6	0	0	0	0	6	Livestock	12	0	0	0	75	87
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	12	0	0	0	0	12	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	20	0	32	Timber	18	0	0	0	25	43
Machinery	0	0	15	0	0	15	Machinery	6	0	0	20	0	26
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	114	10	0	20	25	169	Other	102	10	0	20	0	132
Container	0	0	0	0	0	0	Container	0	0	0	0	0	0

Balgowan (R103 Midmar to Nottingham Road)													
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	12	0	48	0	61	Fuel / Chemicals	22	12	0	48	0	82
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	12	0	0	0	12
Covered Load / Sail or Tarp	399	12	0	24	121	557	Covered Load / Sail or Tarp	457	12	0	48	212	730
Sand / Stone	36	0	0	0	0	36	Sand / Stone	29	0	0	0	0	29
Livestock	7	0	0	0	0	7	Livestock	15	0	0	0	91	105
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	15	0	0	0	0	15	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	24	0	39	Timber	22	0	0	0	30	52
Machinery	0	0	18	0	0	18	Machinery	7	0	0	24	0	31
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	138	12	0	24	30	204	Other	123	12	0	24	0	160
Container	0	0	0	0	0	0	Container	0	0	0	0	0	0

Balgowan (R103 Midmar to Nottingham Road)													
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	4417	0	17666	0	22083	Fuel / Chemicals	7950	4417	0	17666	0	30032
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	4417	0	0	0	4417
Covered Load / Sail or Tarp	145745	4417	0	8833	44165	203159	Covered Load / Sail or Tarp	166944	4417	0	17666	77289	266315
Sand / Stone	13250	0	0	0	0	13250	Sand / Stone	10600	0	0	0	0	10600
Livestock	2650	0	0	0	0	2650	Livestock	5300	0	0	0	33124	38424
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	5300	0	0	0	0	5300	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	8833	0	14133	Timber	7950	0	0	0	11041	18991
Machinery	0	0	6625	0	0	6625	Machinery	2650	0	0	8833	0	11483
Empty	0	0	0	0	0	0	Empty	0	0	0	0	0	0
Other	50348	4417	0	8833	11041	74639	Other	45048	4417	0	8833	0	58298
Container	0	0	0	0	0	0	Container	0	0	0	0	0	0

Balgowan (R103 Midmar to Nottingham Road)													
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						0	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						0	TOTAL						0

Balgowan (R103 Midmar to Nottingham Road)													
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	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	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						0

Balgowan (R103 Midmar to Nottingham Road)													
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	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						0	TOTAL						0