



LOGISTICS
BAROMETER 2016 South Africa

FIGURES

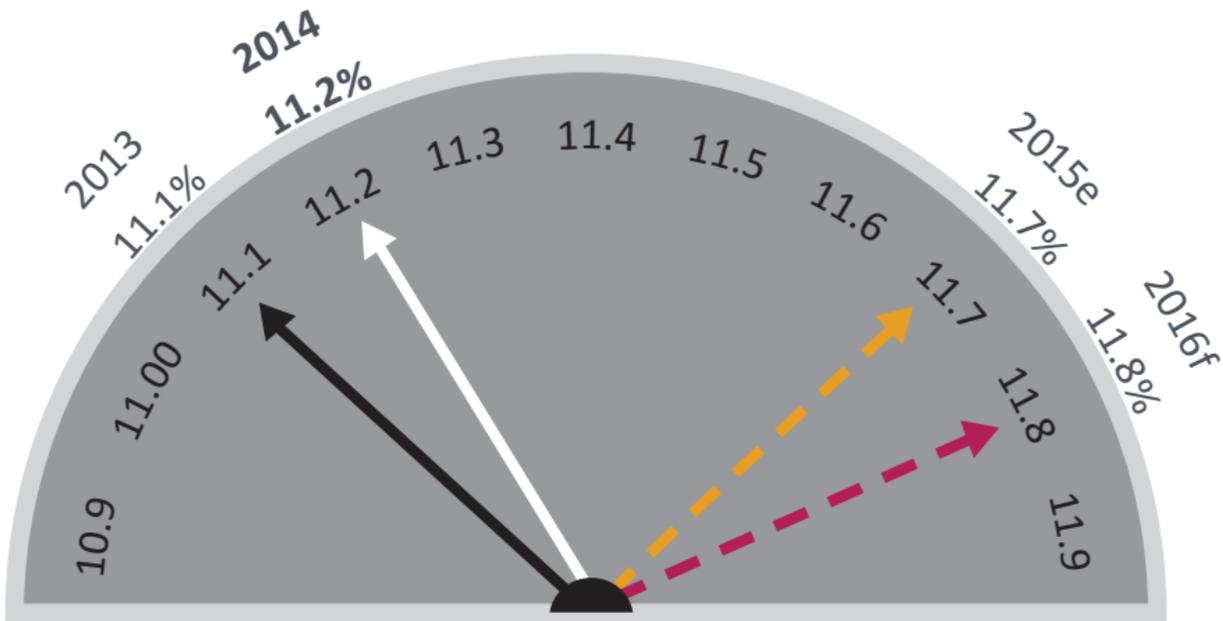


Figure 1: South Africa's logistics costs as percentage of GDP is rising



Figure 2: Long-term view of South Africa's logistics costs as percentage of GDP

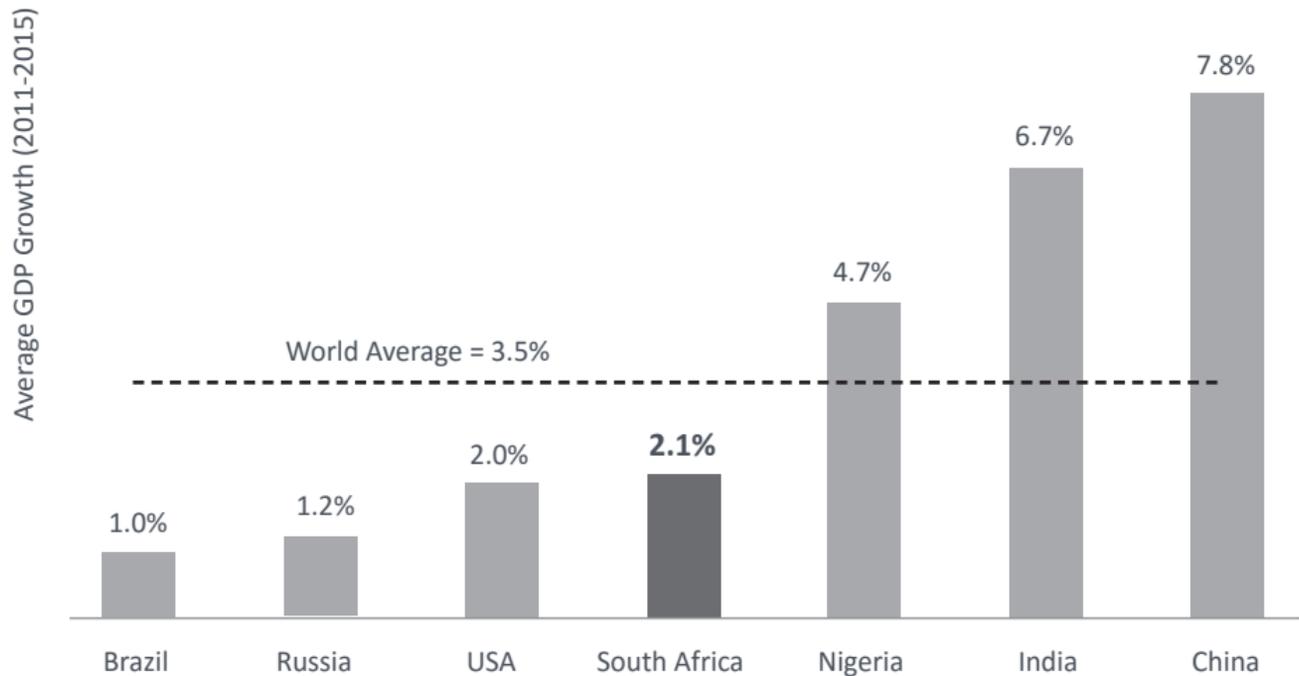


Figure 3: Average GDP growth (2011-2015)

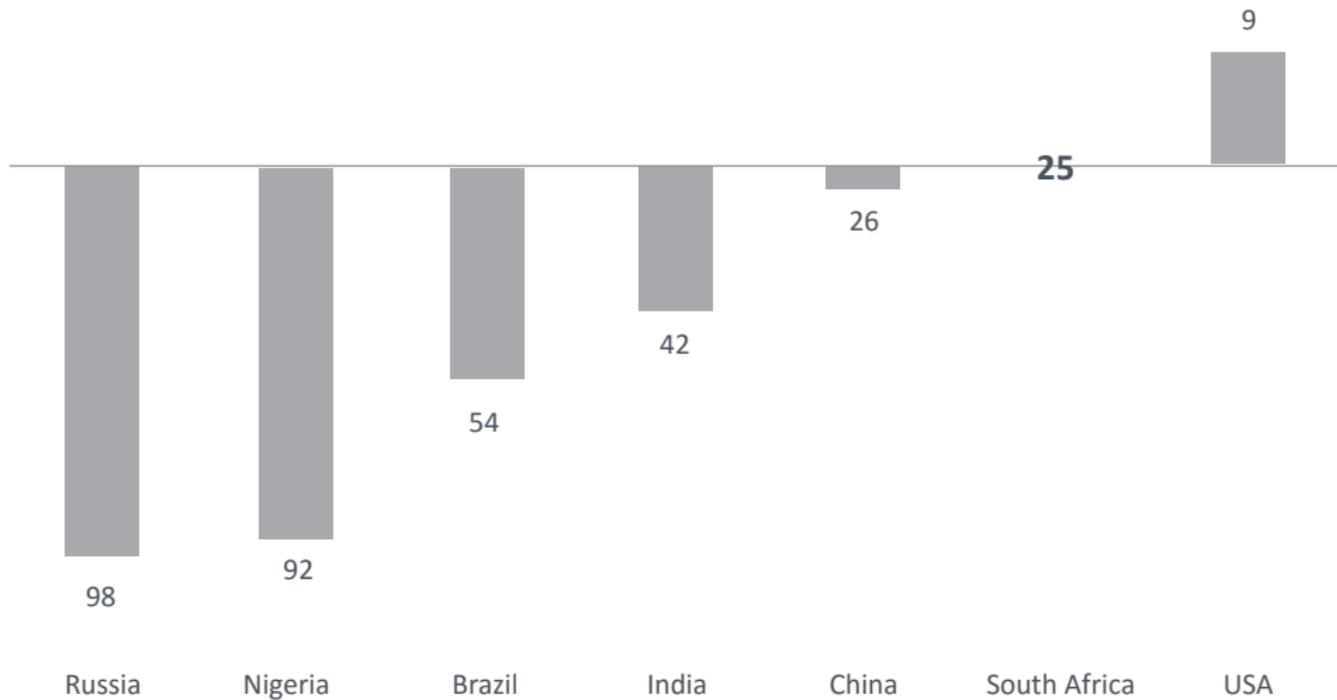


Figure 4: LPI rank (over four editions 2010, 2012, 2014, 2016)

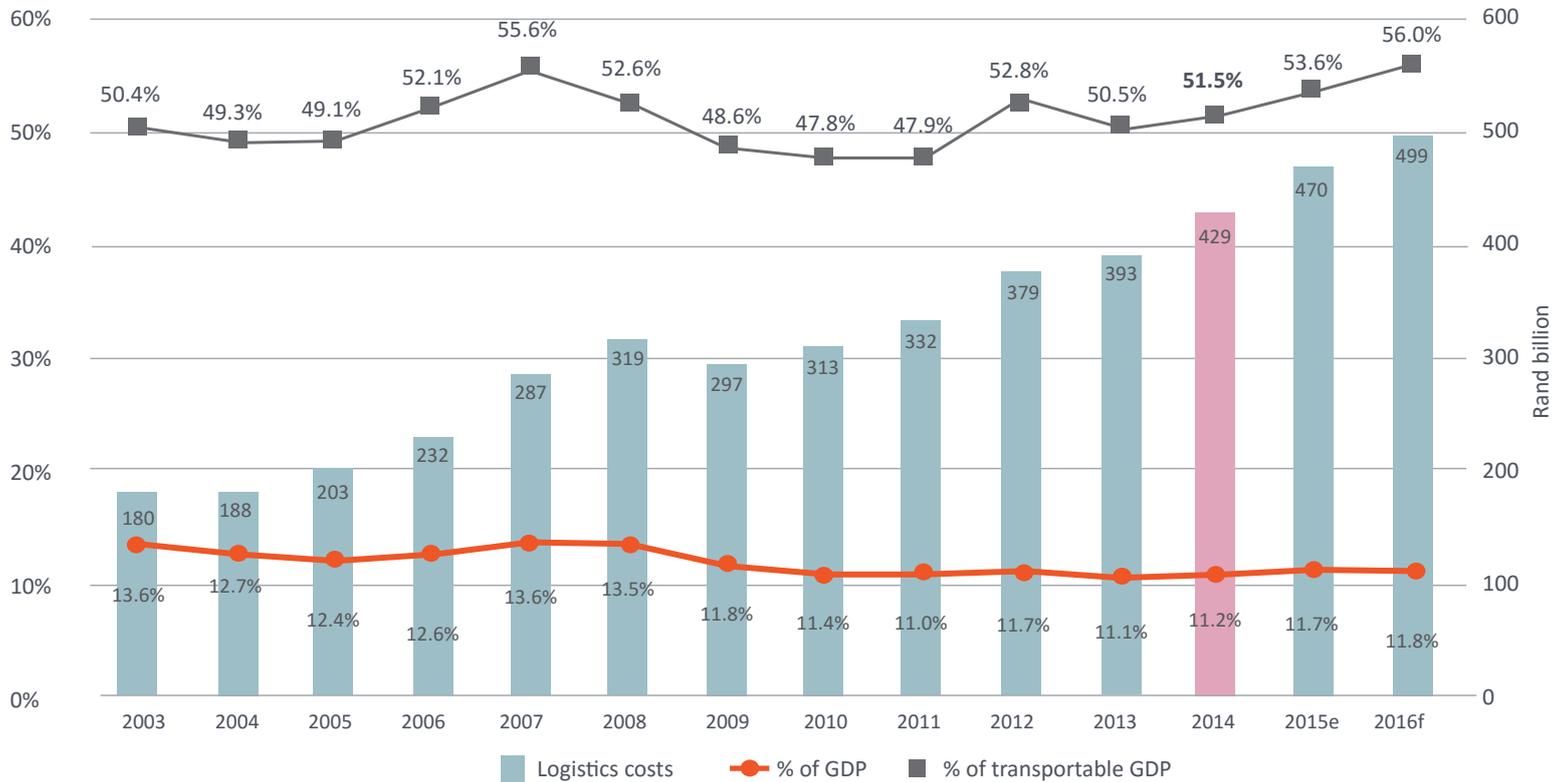


Figure 5: South Africa's logistics costs trend

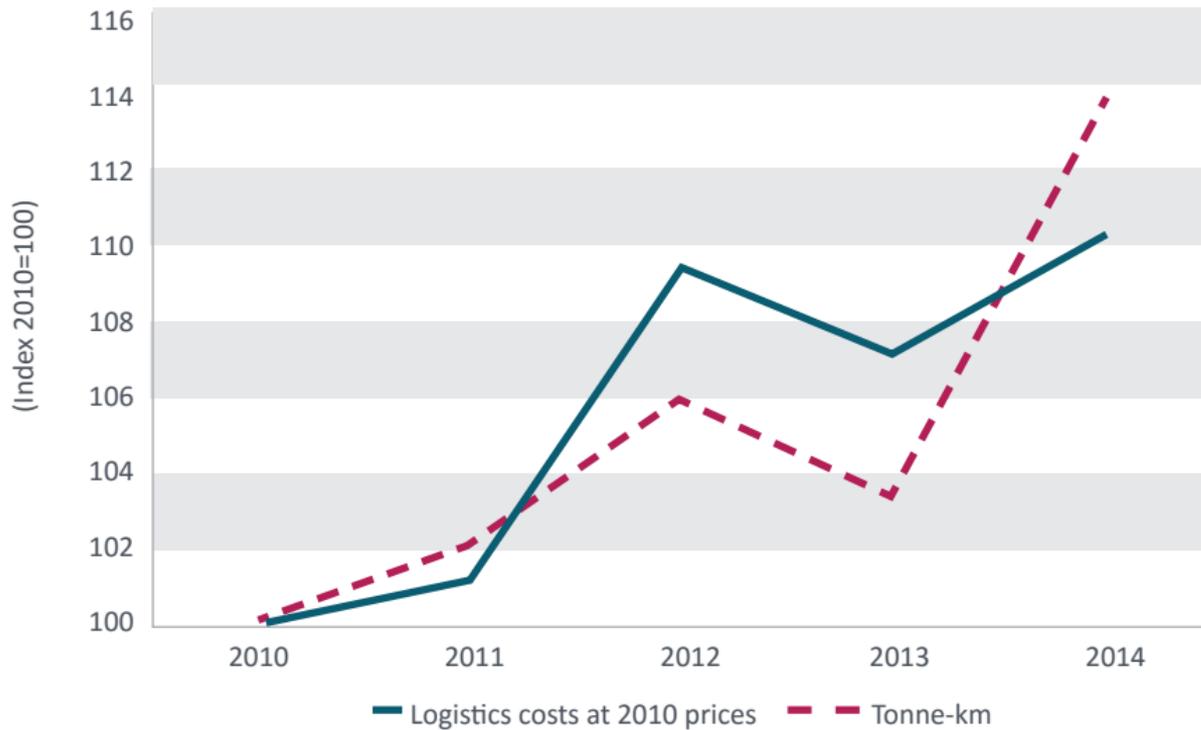


Figure 6: Logistics costs in real 2010 terms

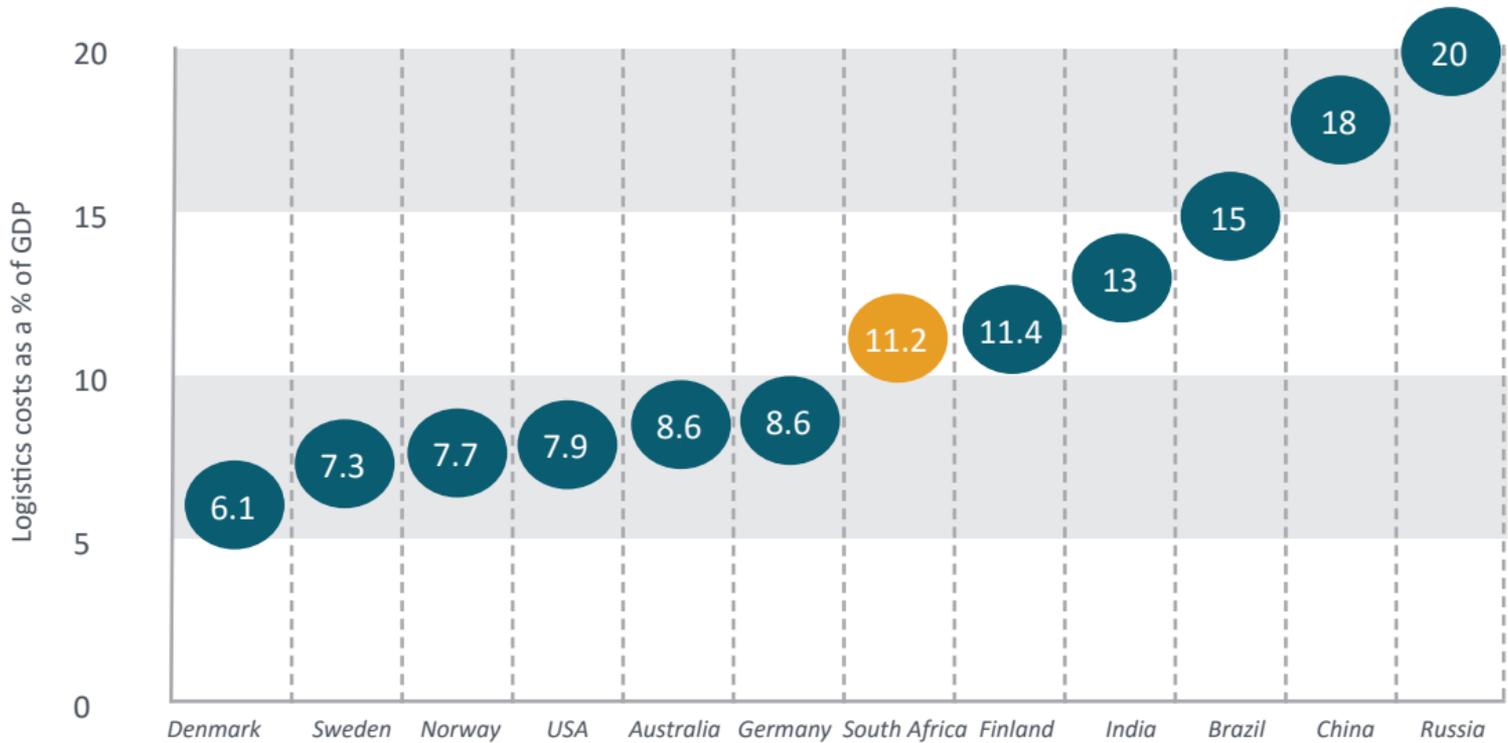
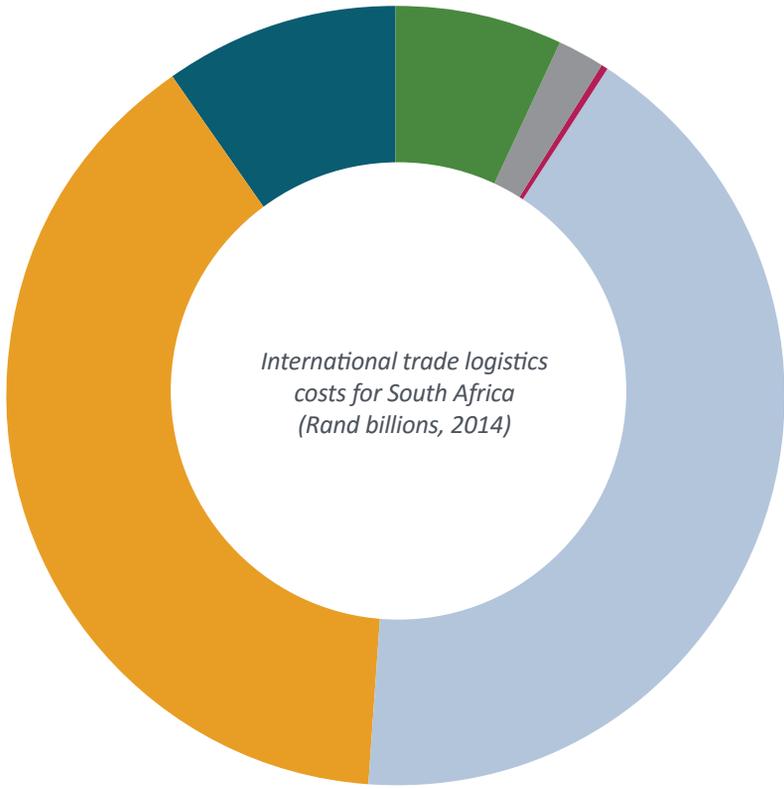


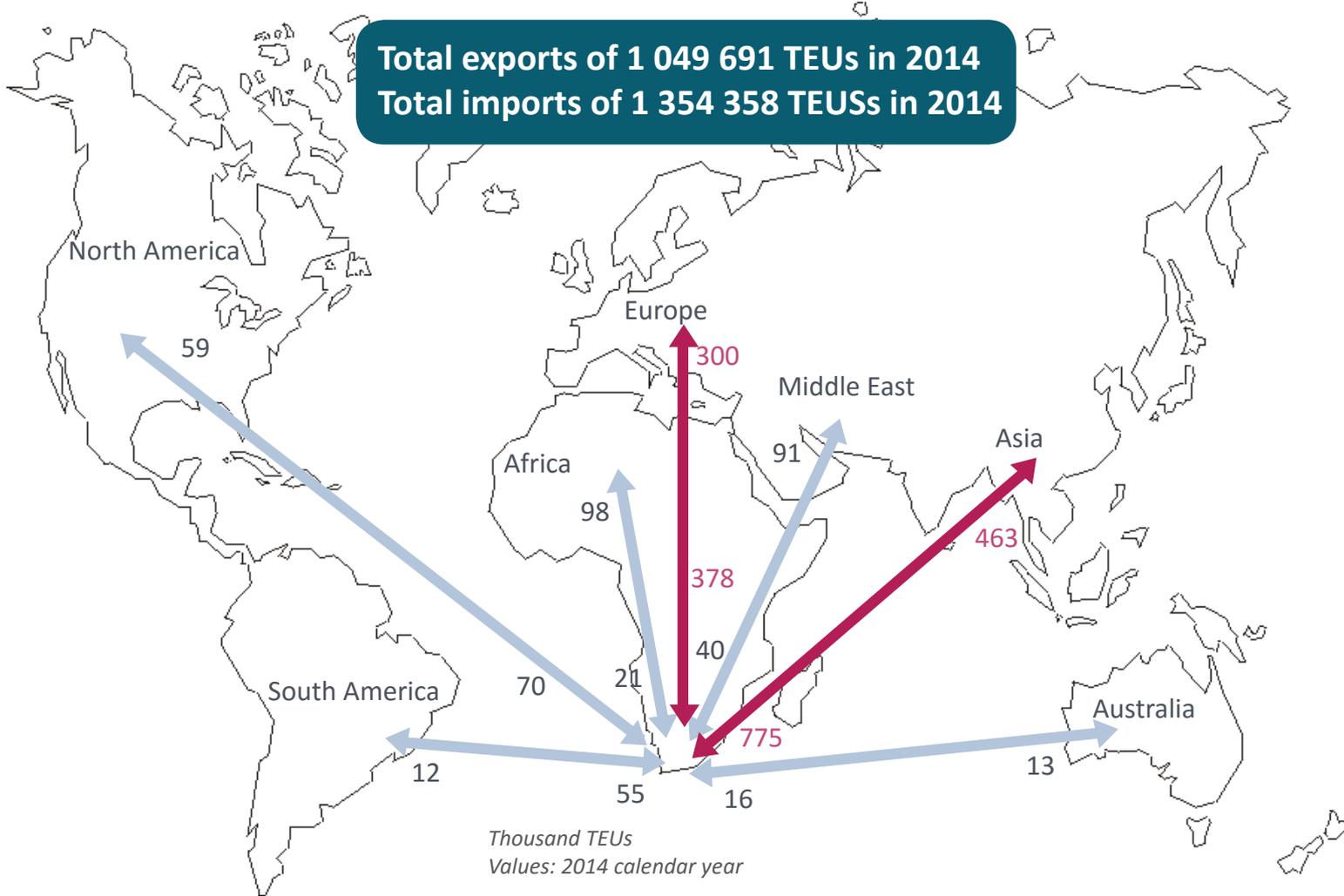
Figure 7: Comparing logistics costs for selected countries



- Port charges 23.1 (10%)
- Documentation charges 16.8 (7%)
- Ship standing costs 5.2 (2%)
- Other 0.77 (0%)
- Inland logistics costs 101.1 (42%)
- Maritime transport 94.9 (39%)

Figure 8: International trade logistics costs for South Africa (Rand billions, 2014)

Total exports of 1 049 691 TEUs in 2014
Total imports of 1 354 358 TEUs in 2014



Thousand TEUs
 Values: 2014 calendar year

Figure 9: Trade flows of South African containers in 2014

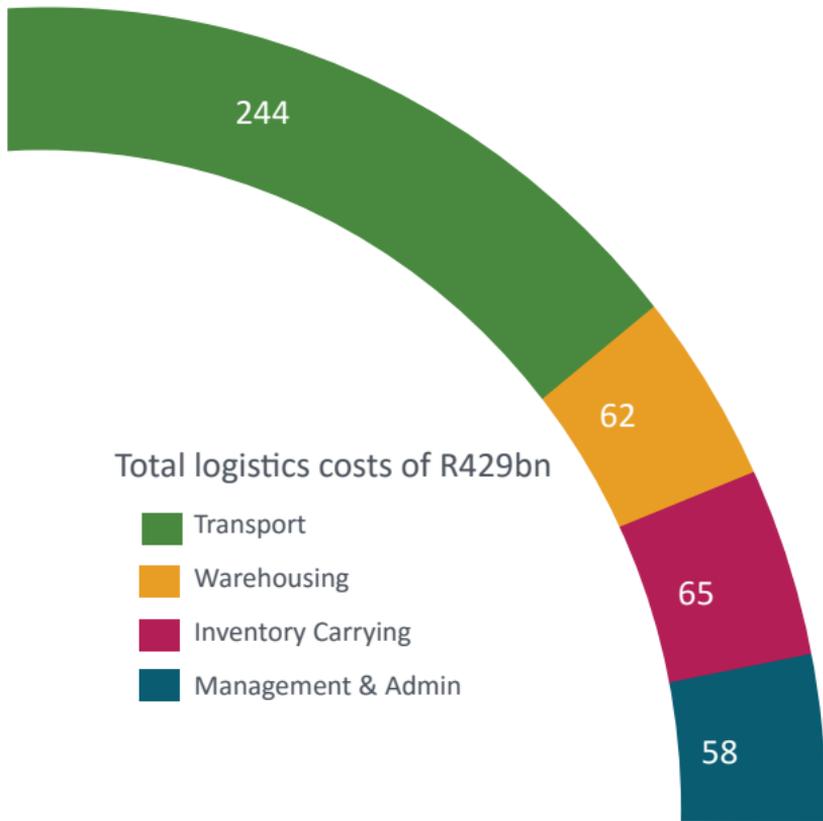


Figure 10: 2014 Logistics cost elements (Rand billions)

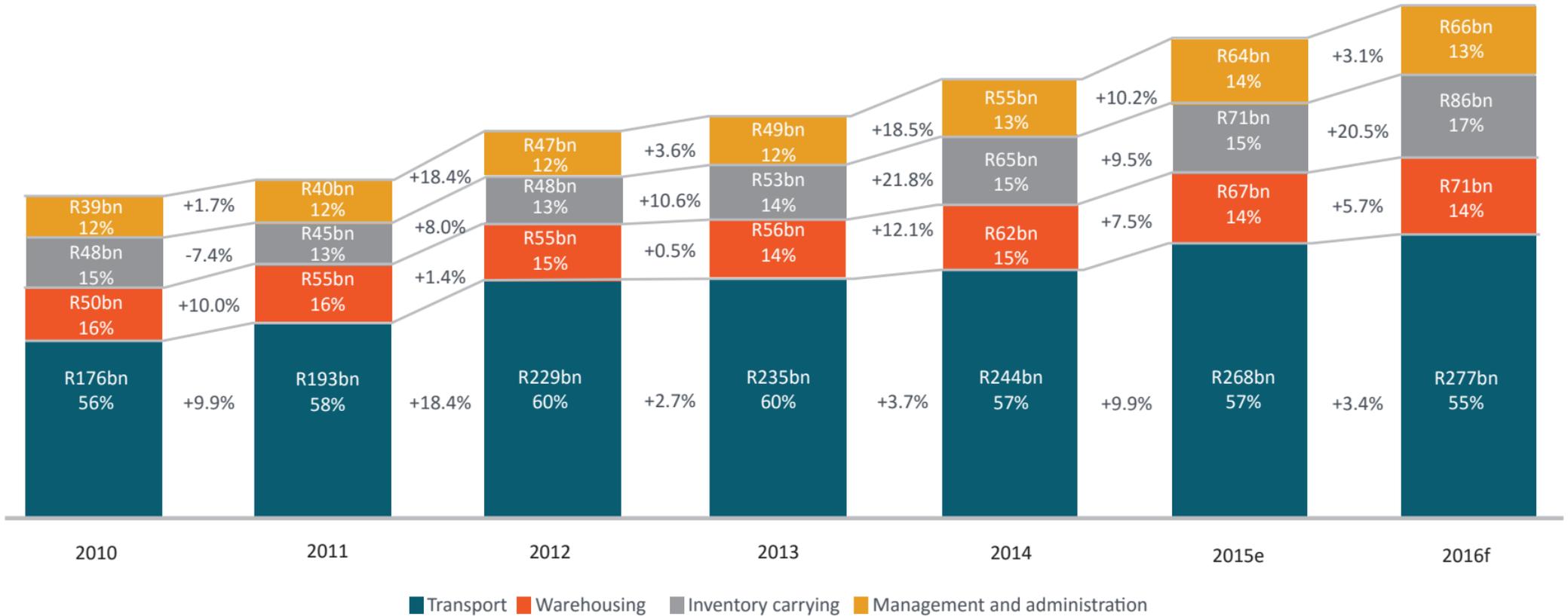


Figure 11: Trends in South Africa's logistics costs stack elements

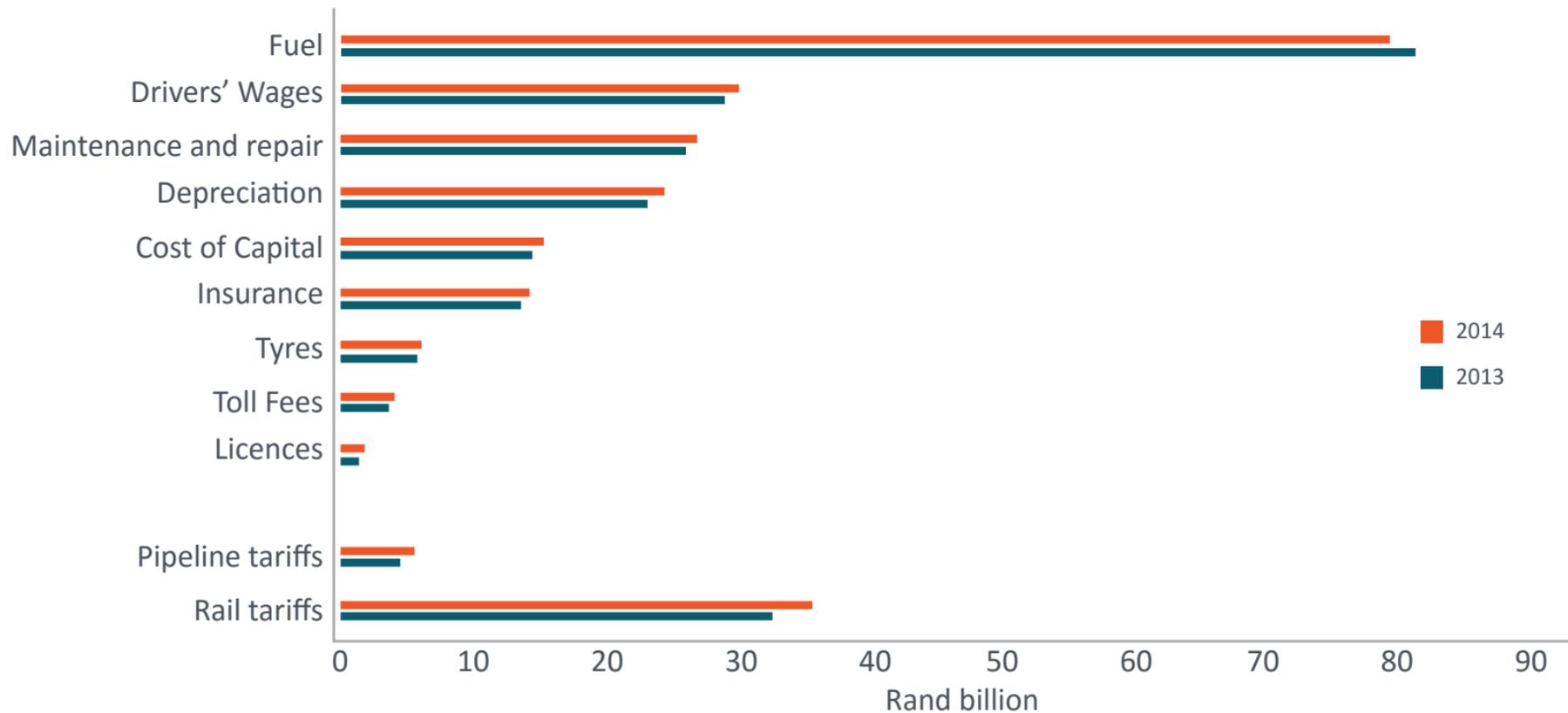


Figure 12: Cost contribution per transport mode (2014)

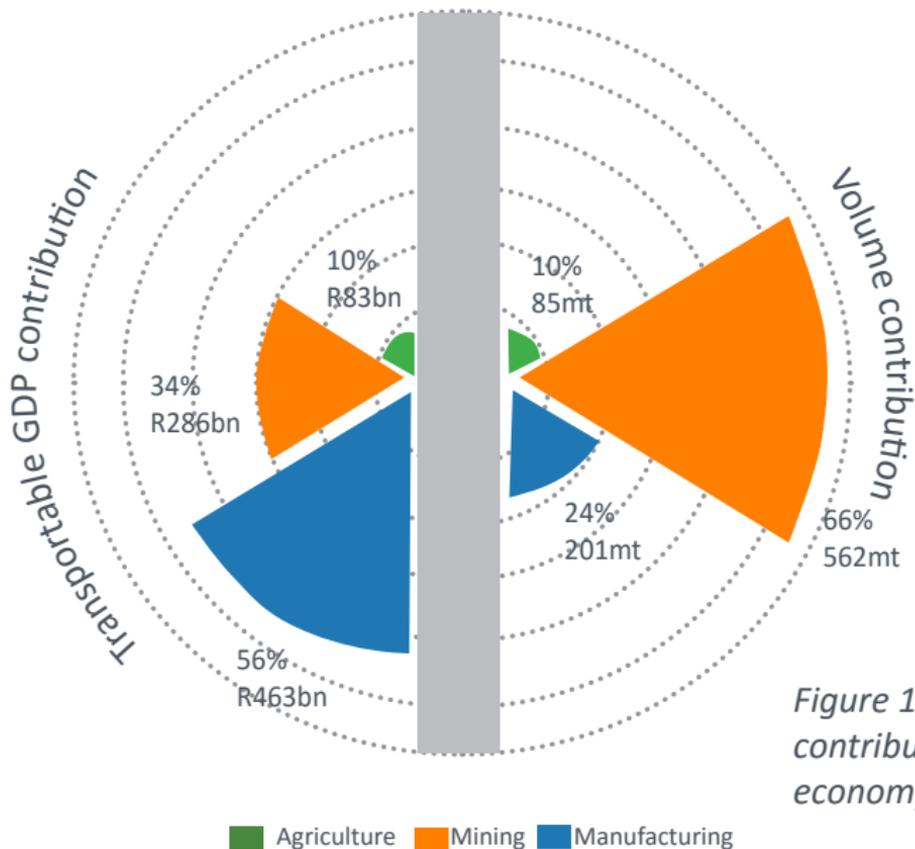


Figure 13: Value and volume contribution to the transportable economy in 2014

Figure 14: Agricultural freight flow volume for 2014

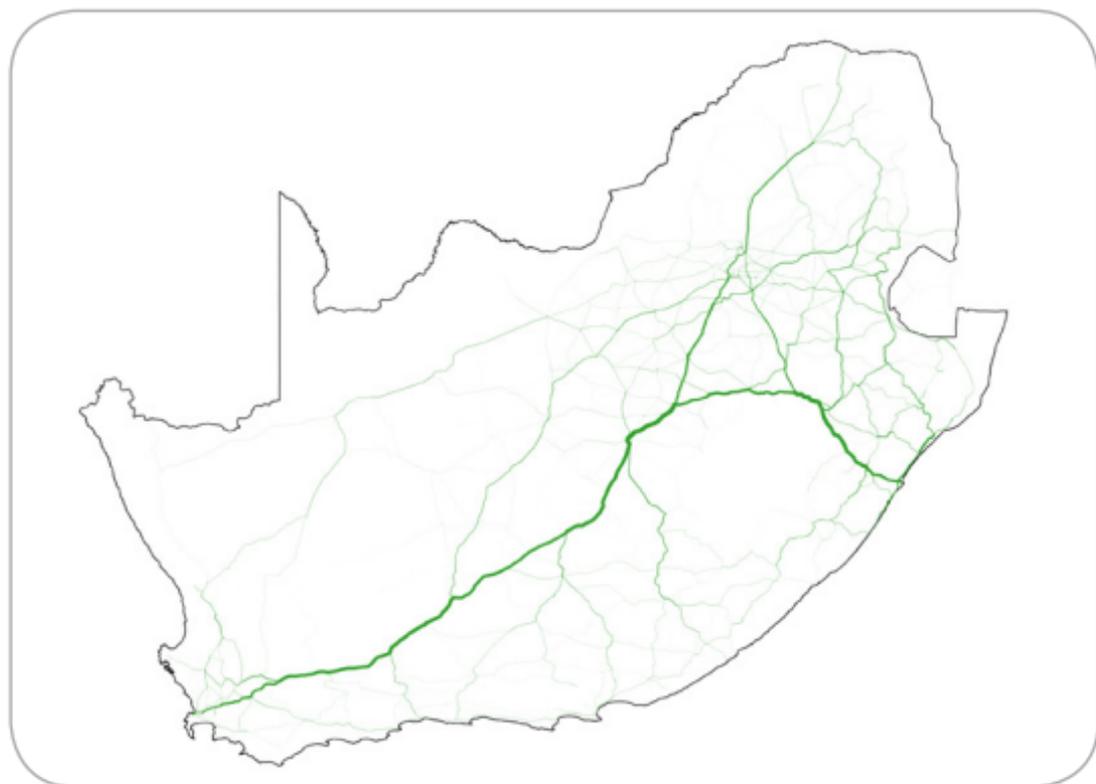


Figure 15: Mining freight flow volume for 2014

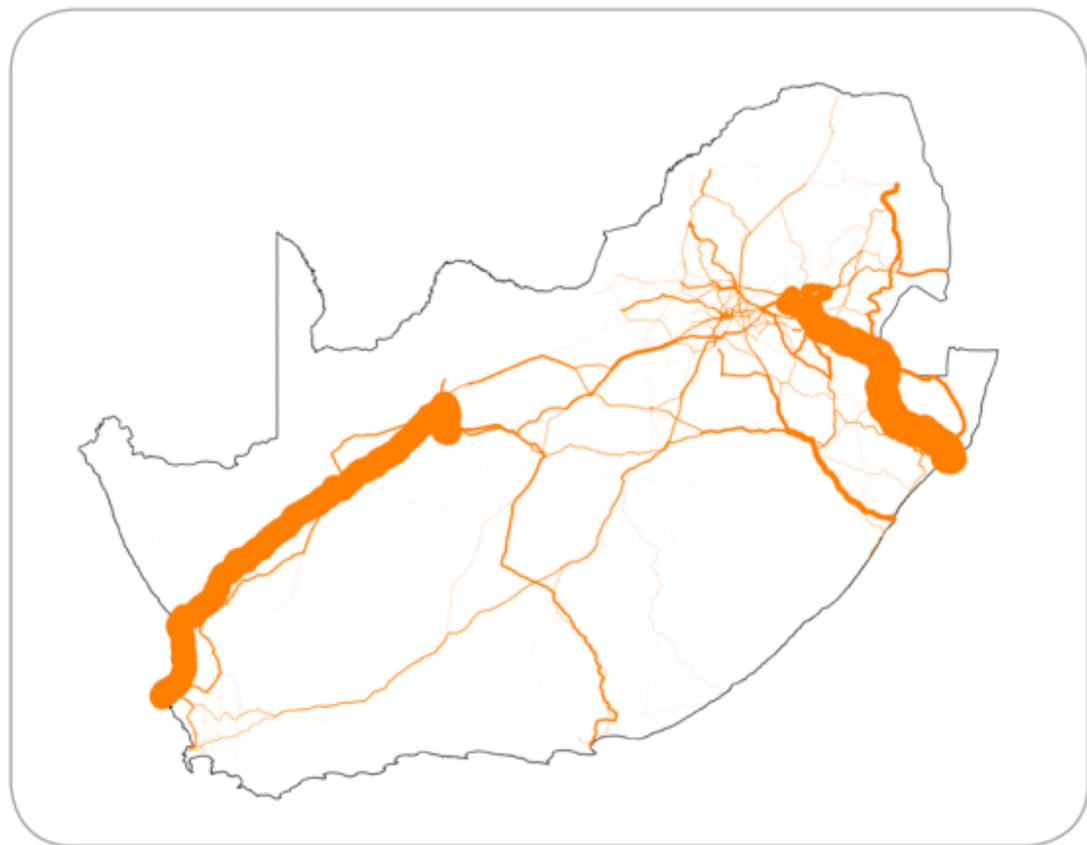
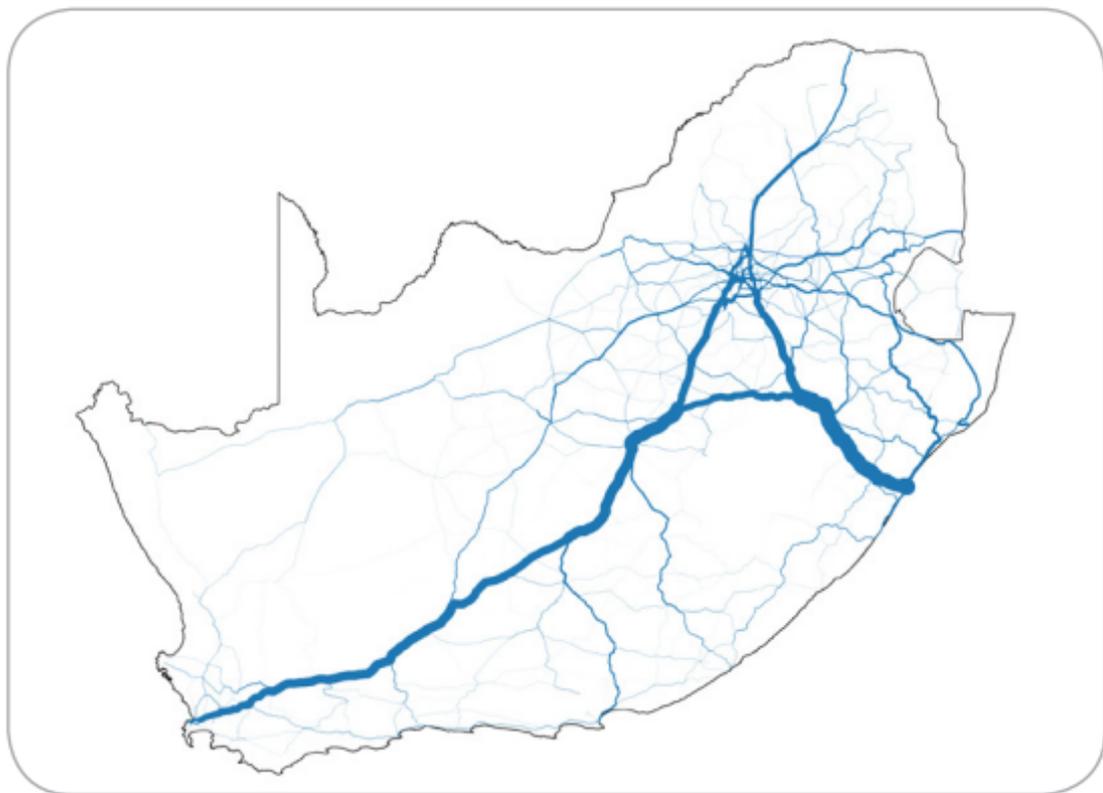


Figure 16: Manufacturing freight flow volume for 2014



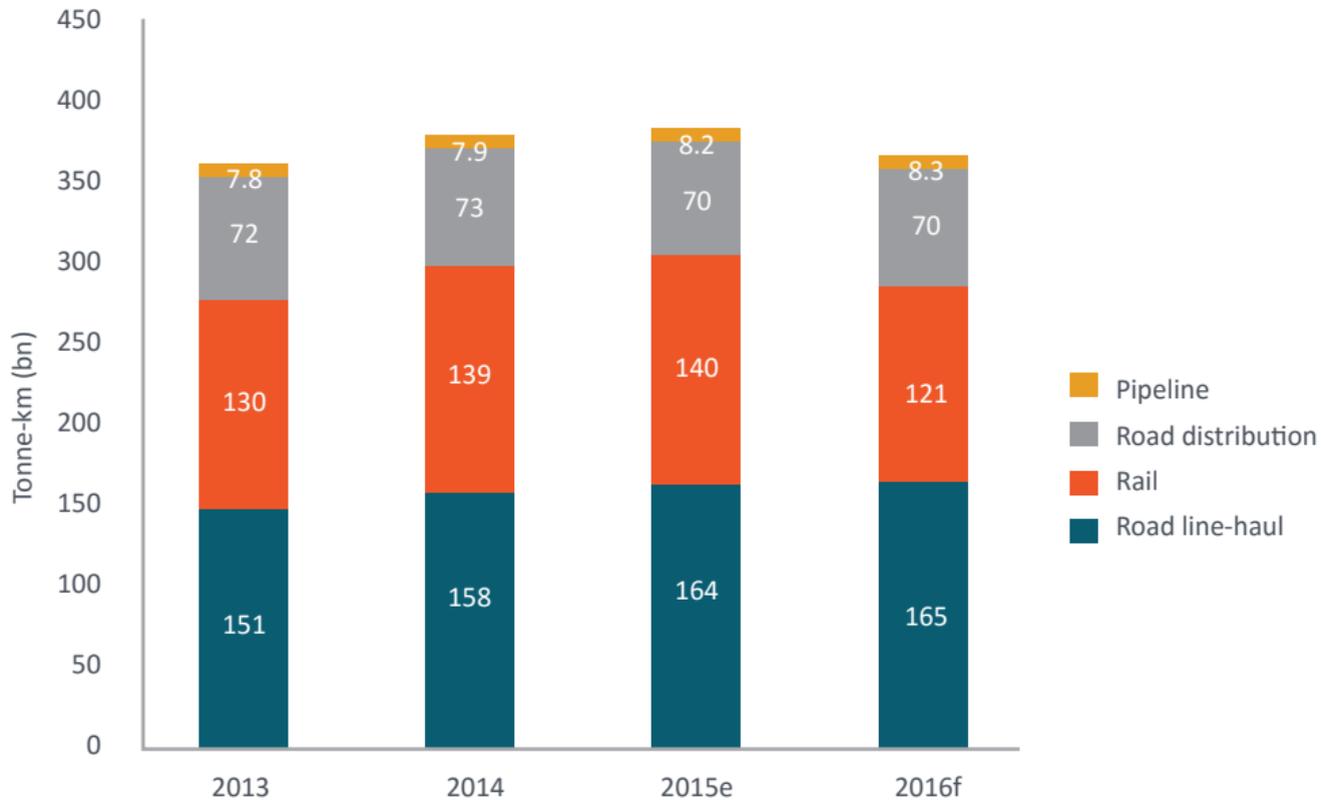


Figure 17: Tonne-km per mode (South Africa 2014)

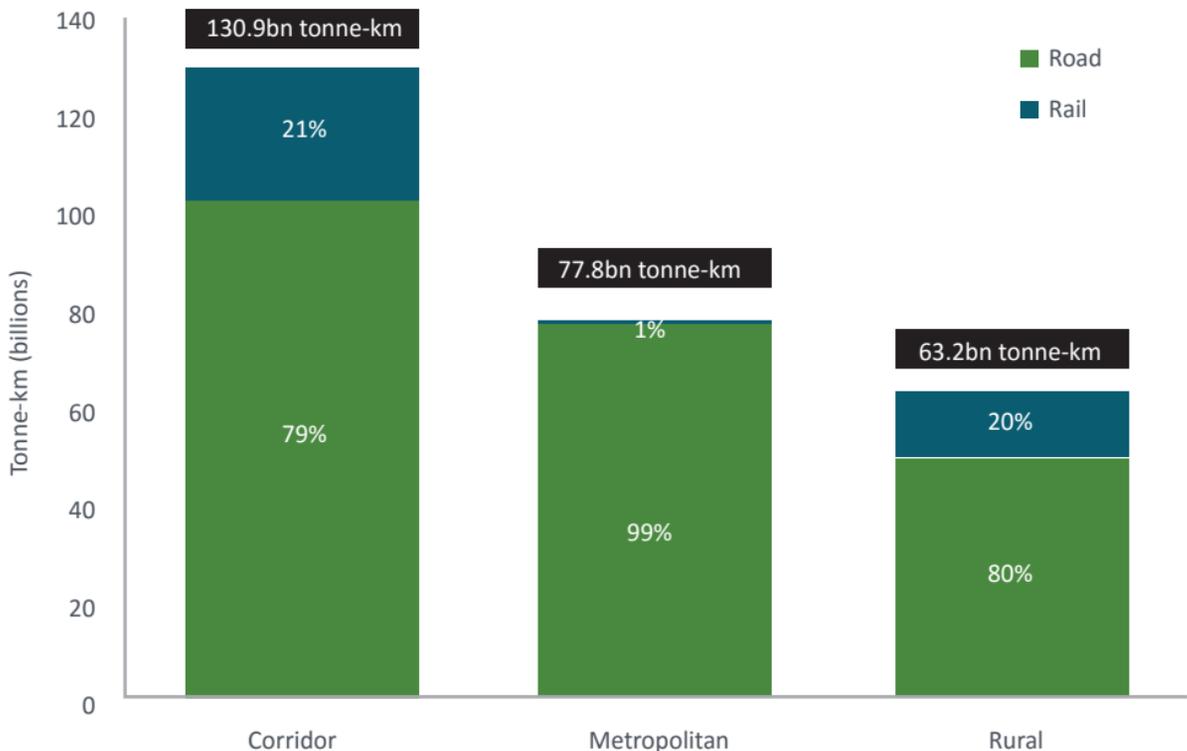


Figure 18: Typological division of general freight transport (South Africa 2014)