

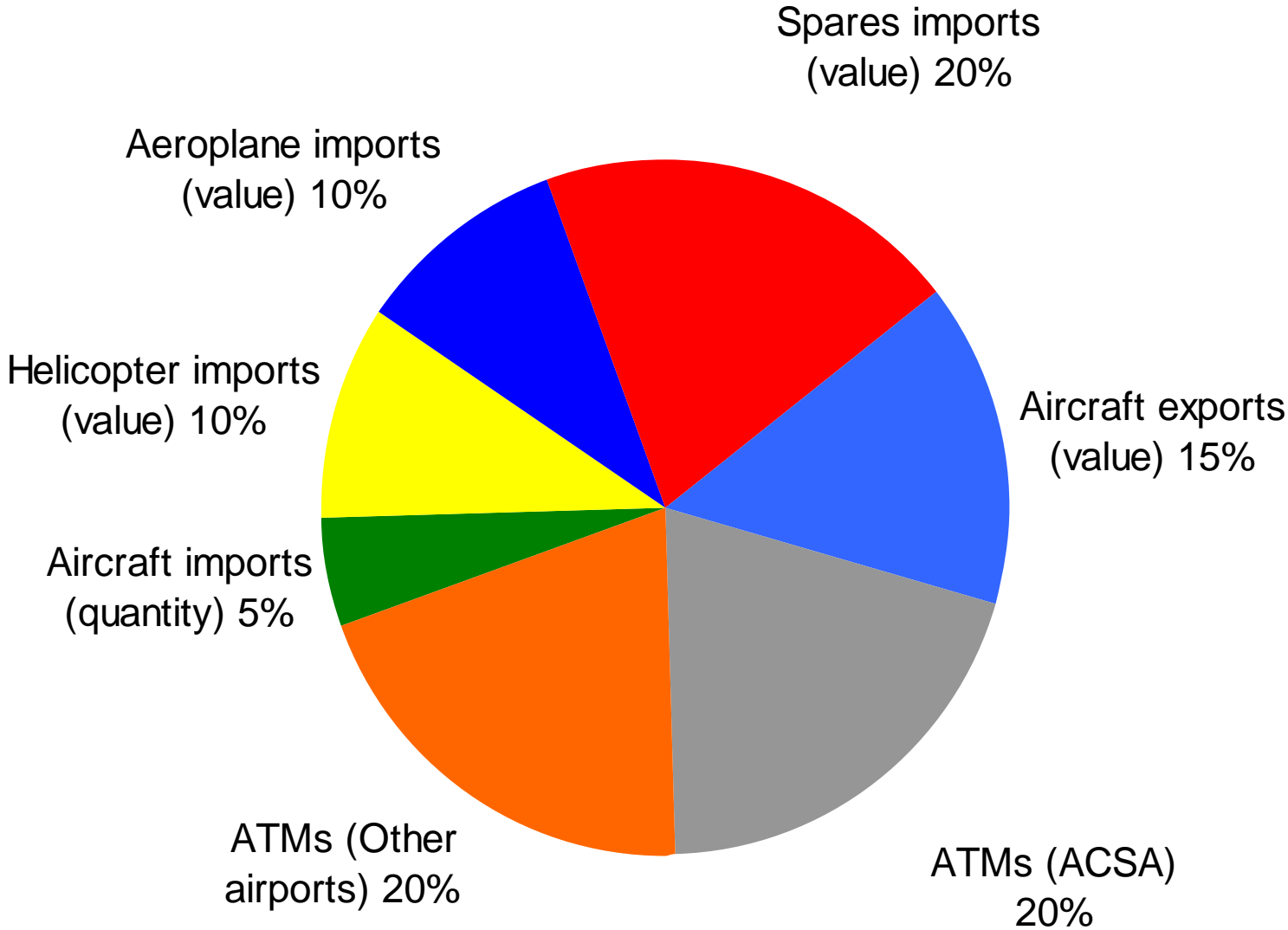
The CAASA
Aviation Activity Index
(CAAI)
3rd quarter 2018



Methodology employed for the design of the CAASA Aviation Activity Index (CAAI)

- The CAAI is based on composite indexation technique, whereby a group of indicators representing different units is forged into a single value
- The different indicators are each assigned a weighting in terms of their perceived contribution to the trend that the index wishes to illustrate, namely the current & historical level of activity in the commercial aviation industry
- Changes over time in the different indicators are measured and then also expressed as changes to the weighted index
- A total of 25 different indicators comprise the CAAI, emanating from the following seven groups:
 - (i) Value of imports of helicopters
 - (ii) Value of imports of aeroplanes (of a mass less than 15t)
 - (iii) Physical quantity of imported aircraft
 - (iv) Value of imports of aircraft spares
 - (v) Value of exports of aircraft (of a mass less than 15t)
 - (vi) Air traffic movements at ACSA airports
 - (vii) Air traffic movements at key non-ACSA airports
- Combined in an appropriately weighted index, these indicators provide an objective & balanced measure of economic activity in various spheres of the commercial aviation industry

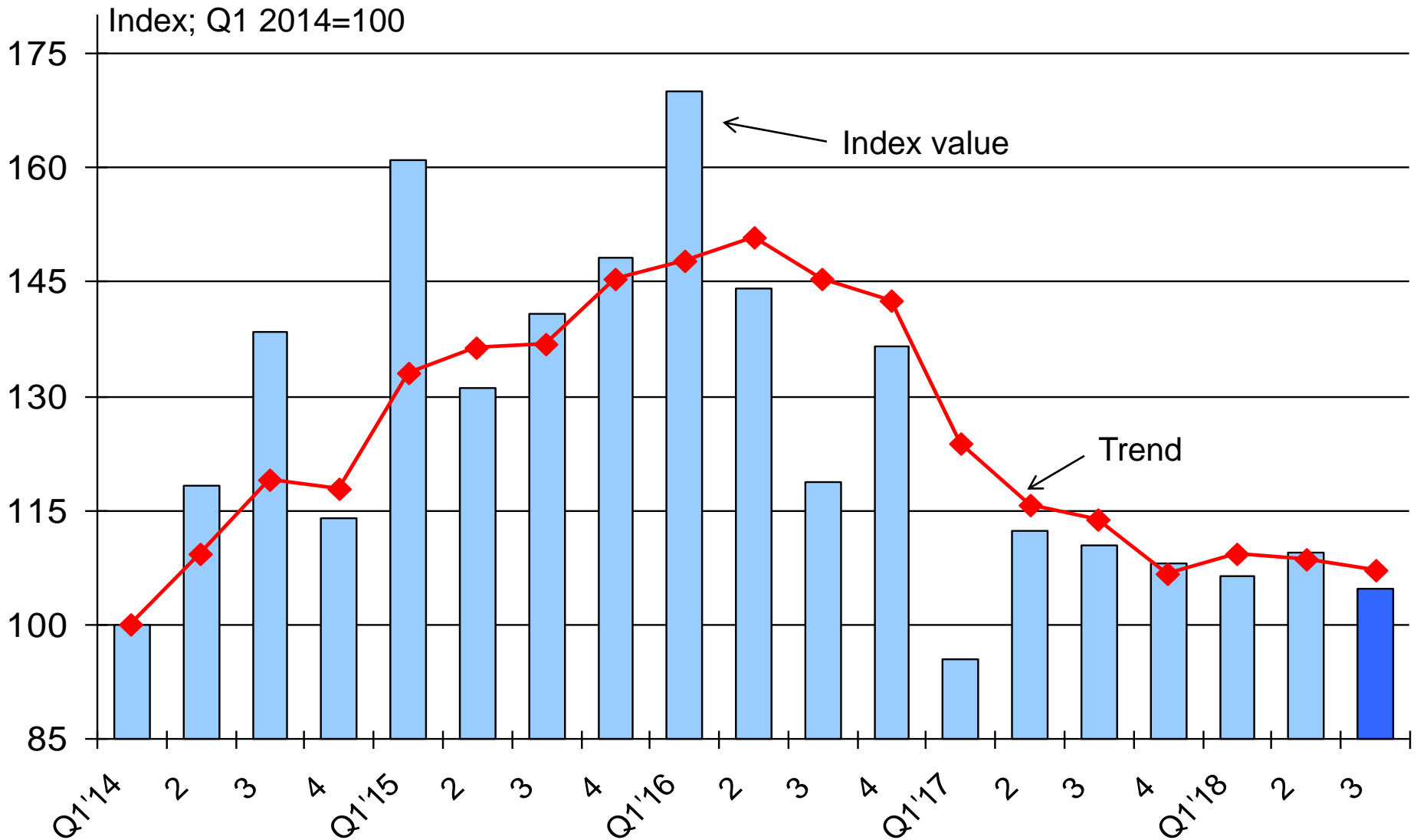
Composition of the groups of indicators included in the CAAI



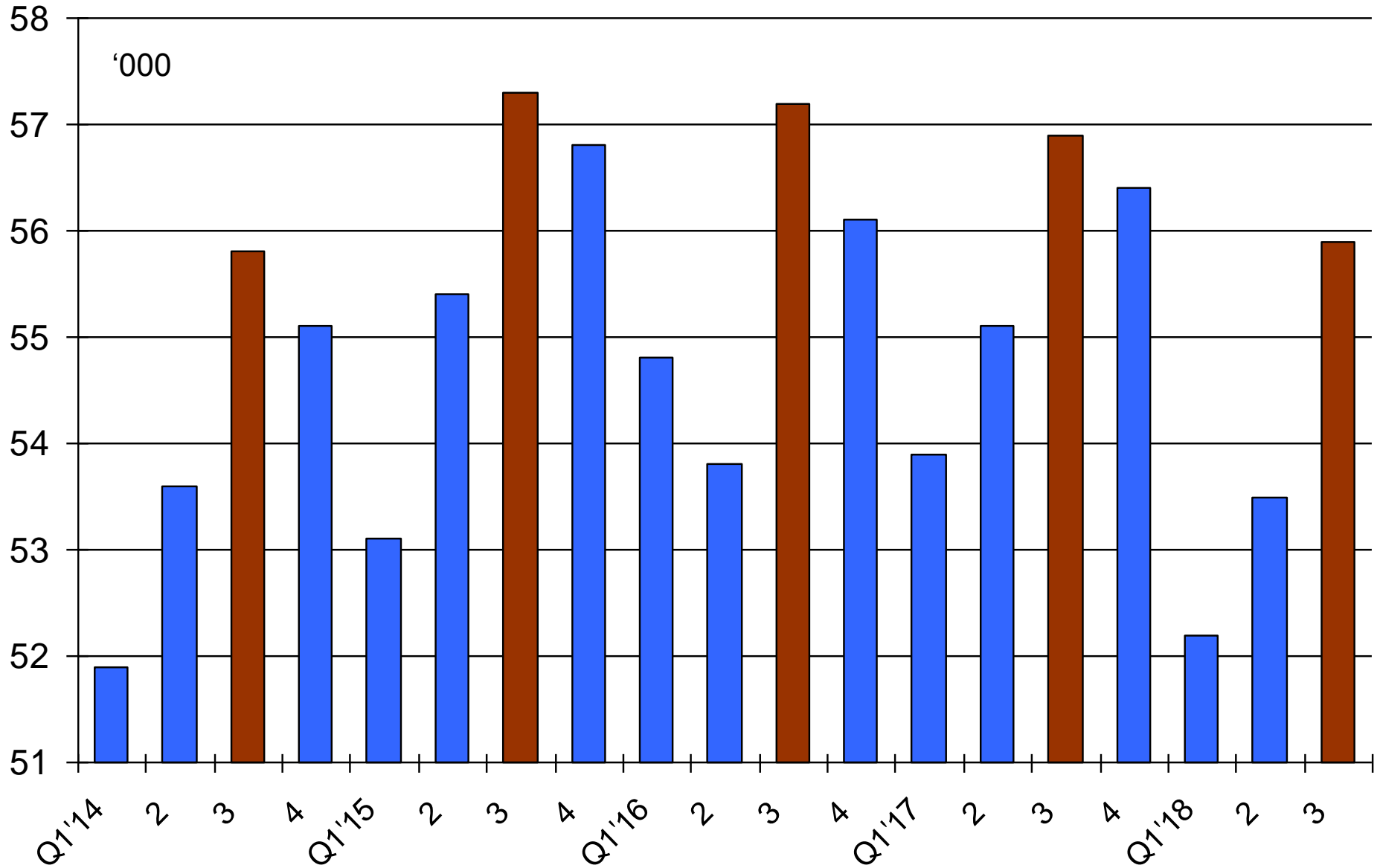
CAASA Aviation Activity Index (CAAI) for South Africa

3rd quarter 2018

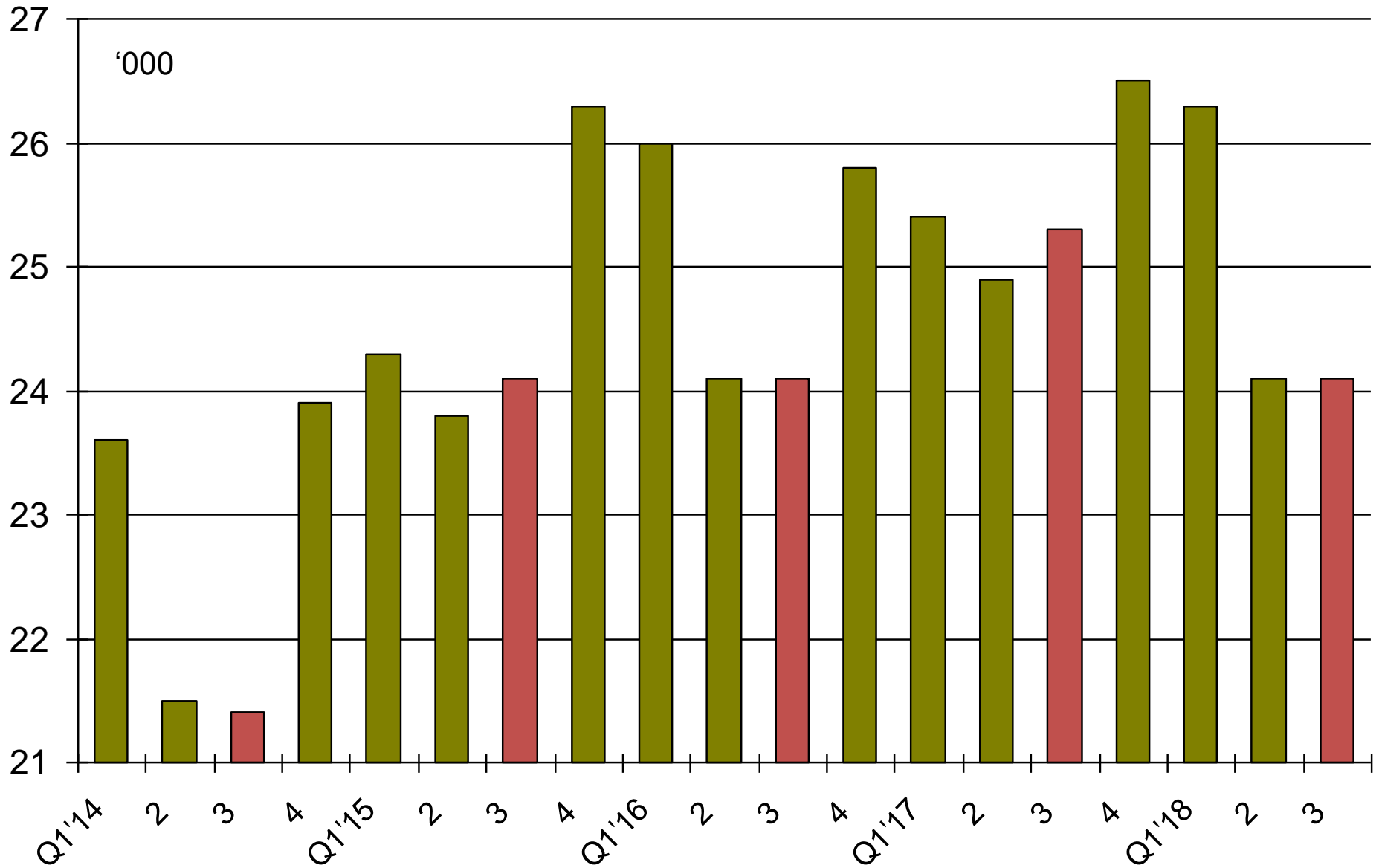
(Trend = 4-quarter moving average)



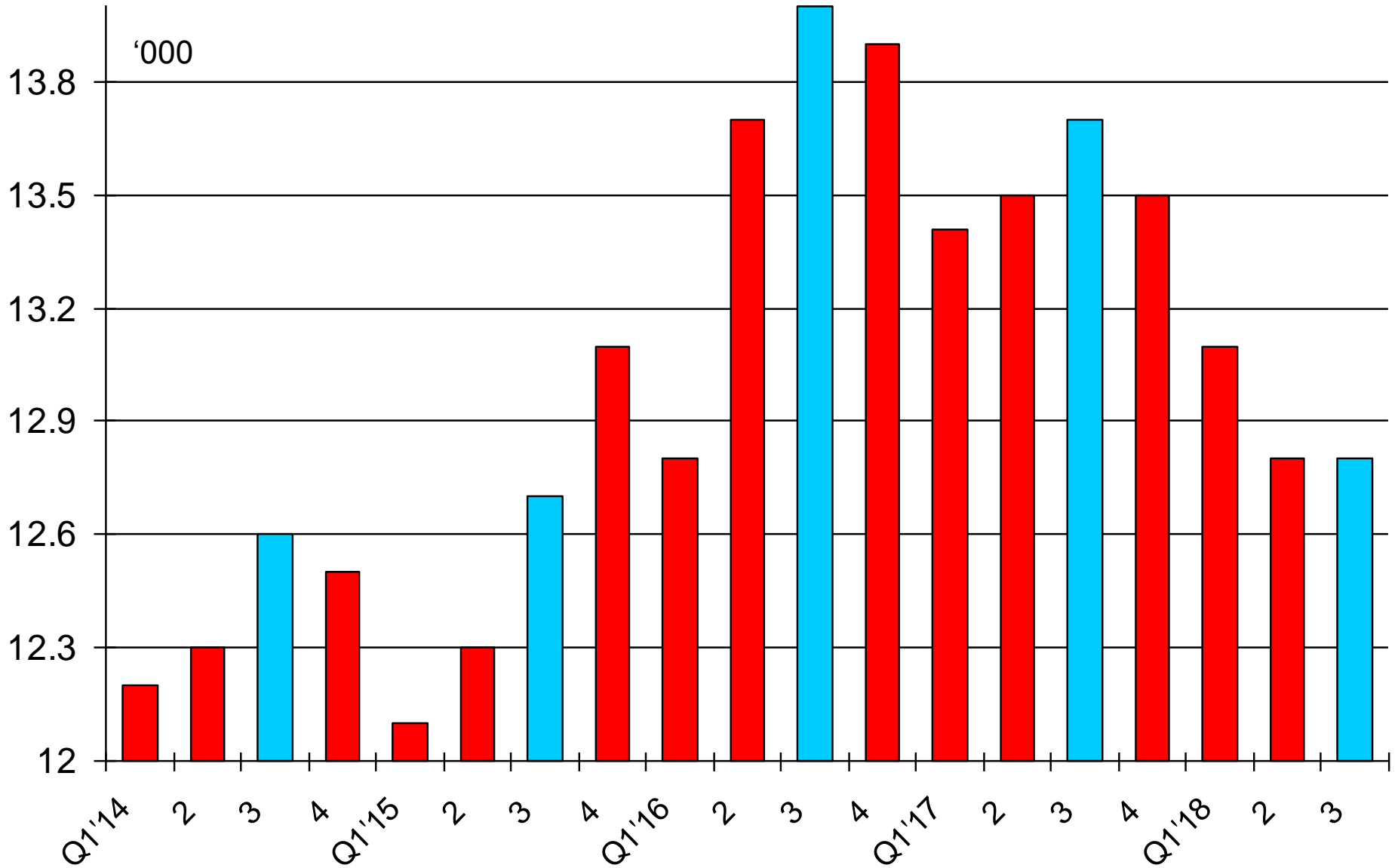
ATMs at OR Tambo airport



ATMs at Cape Town airport

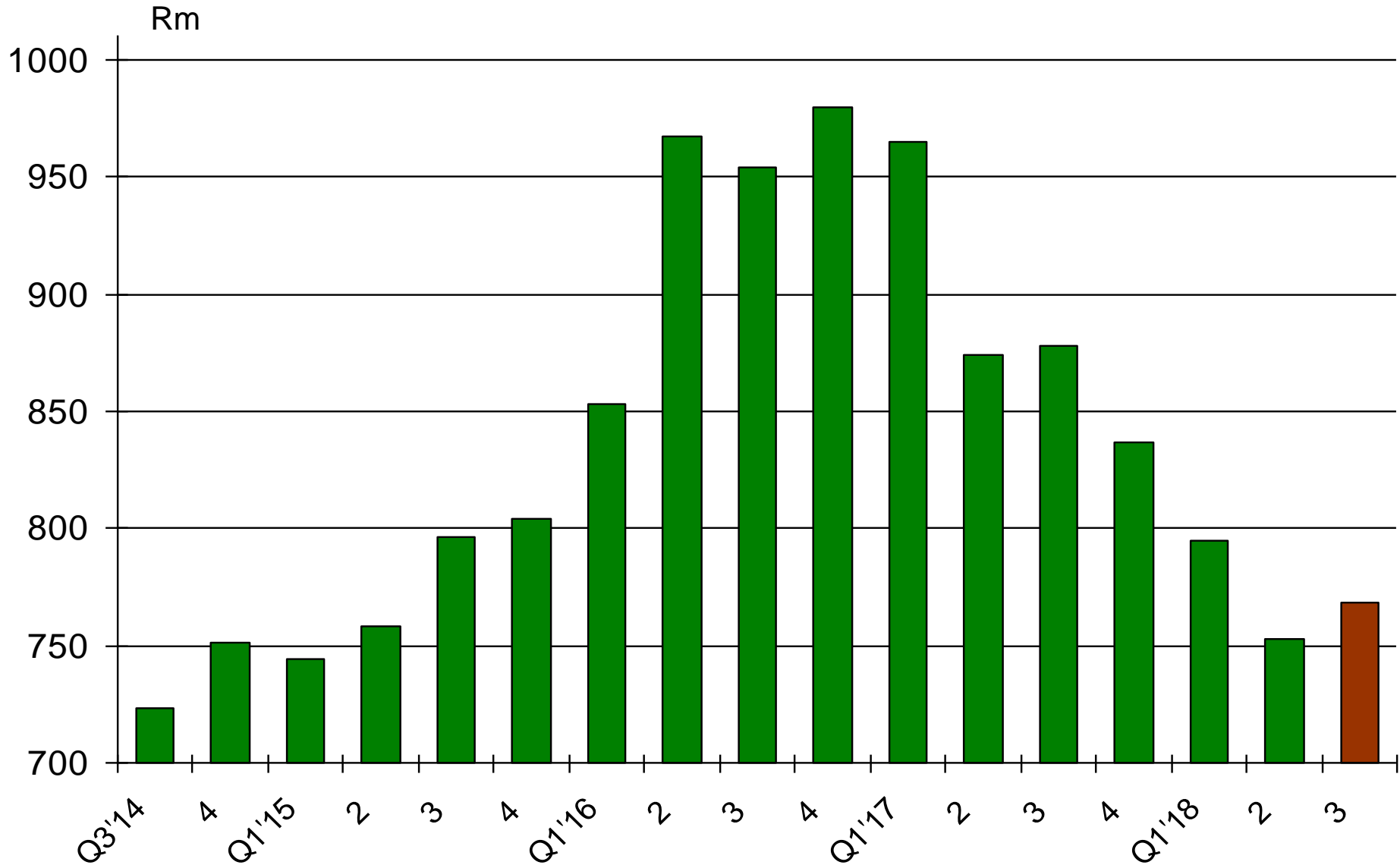


ATMs at Durban airport



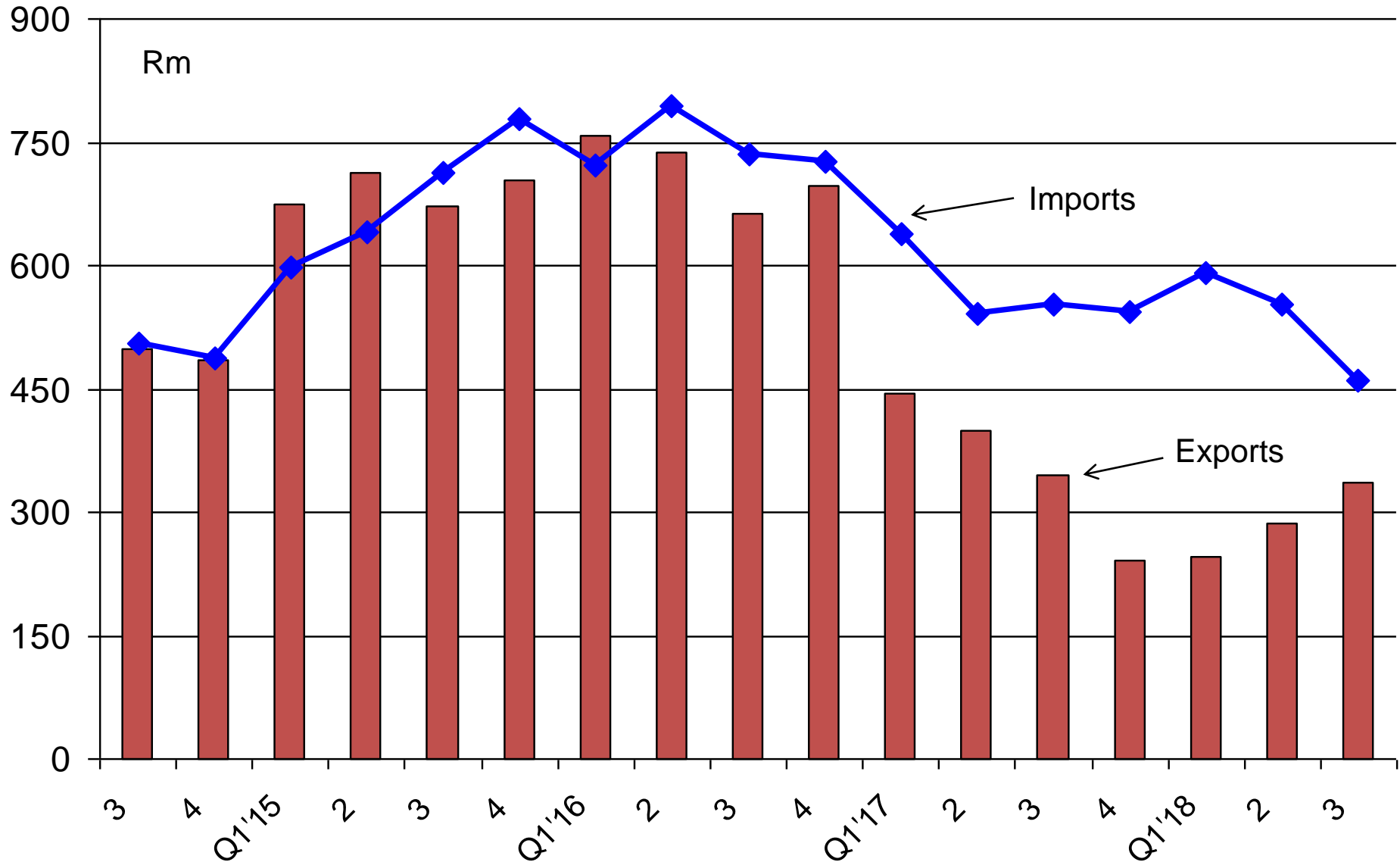
Import value of aircraft spares

(Note: 4-quarter moving avg; Source: SARS)

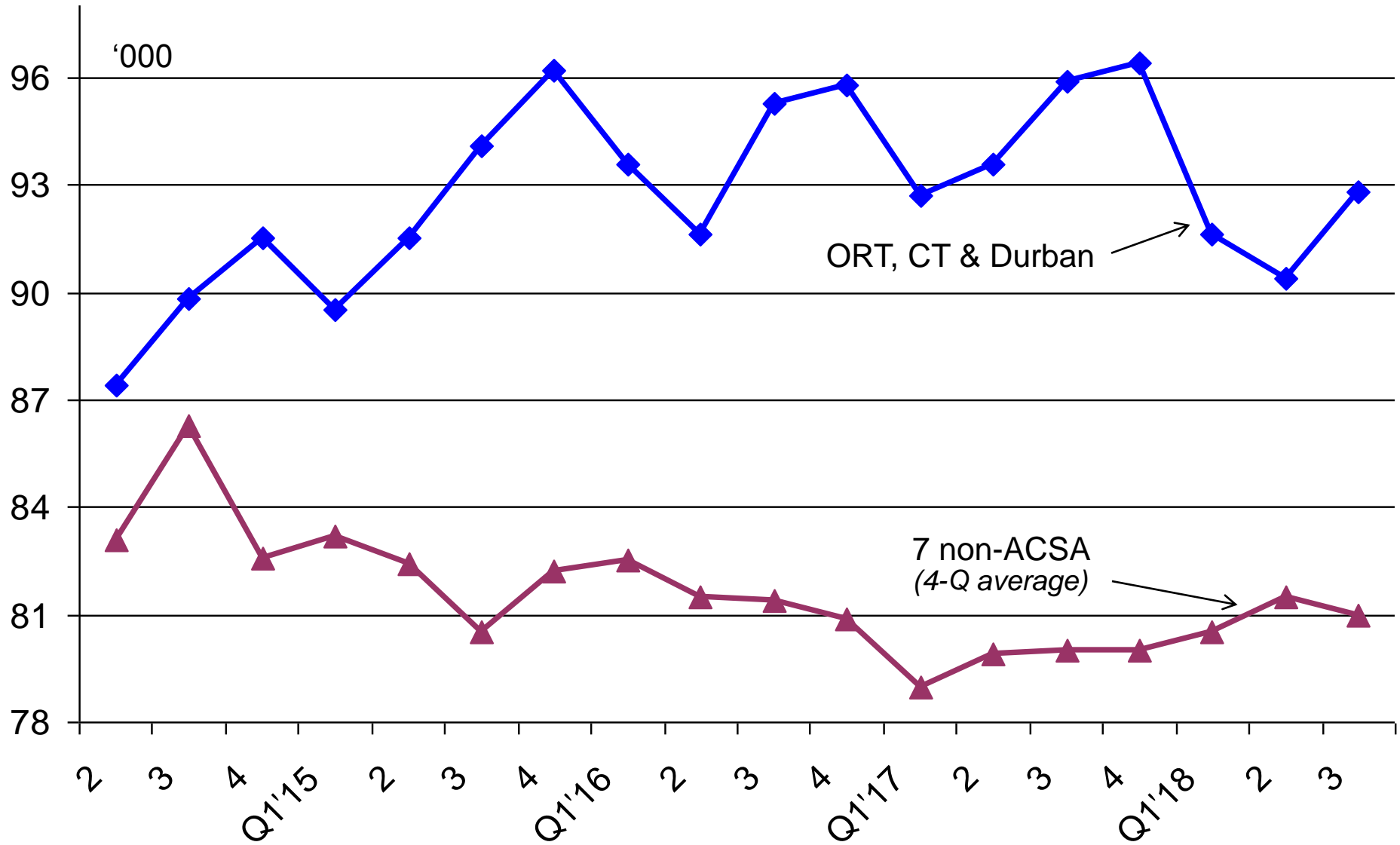


Import & export value of helicopters and aeroplanes with a mass of less than 15t

(Note: 4-Q moving avg.)



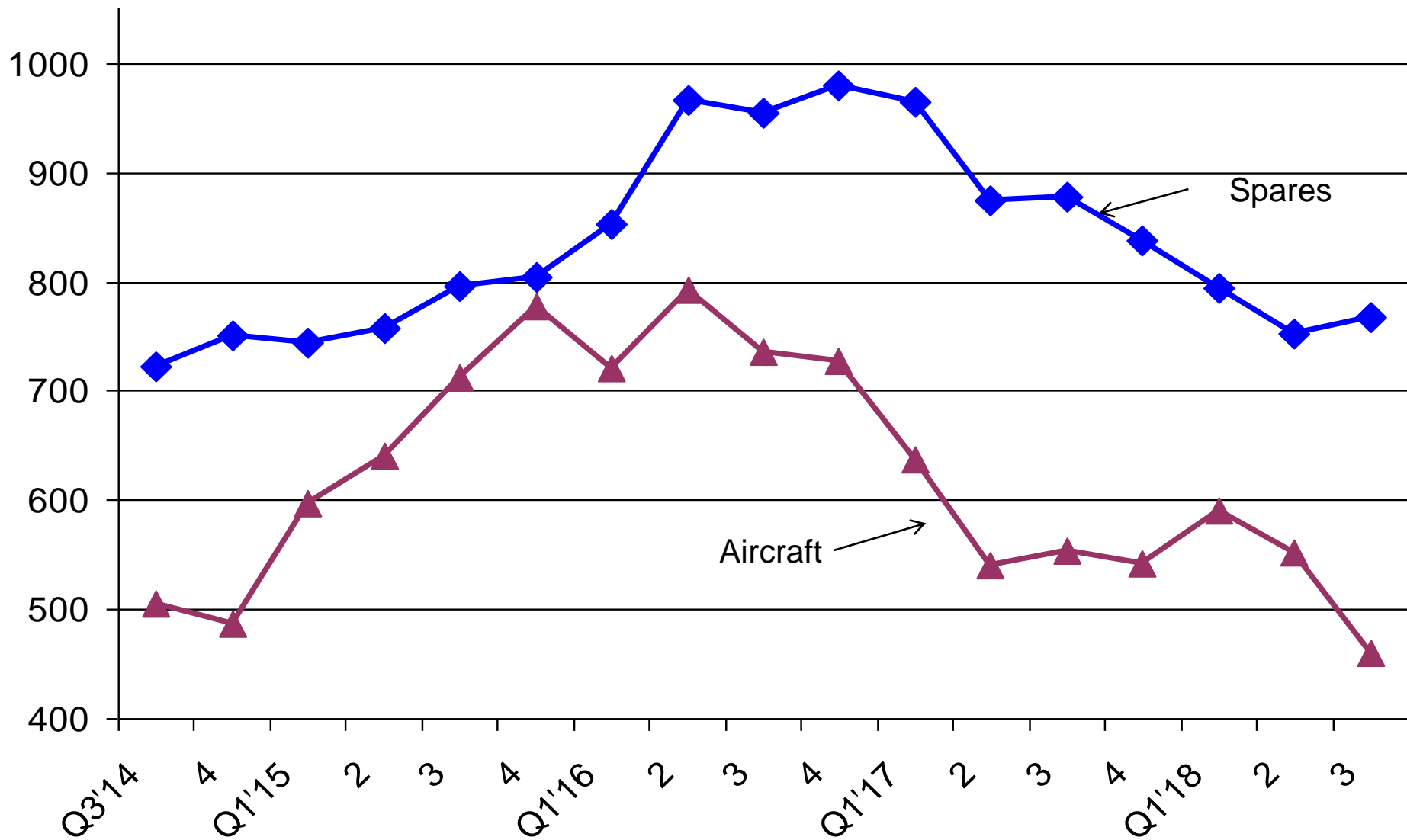
Total ATMs at the Big -3 ACSA airports and 7 key non-ACSAs airports



Value of imports of aircraft & spares

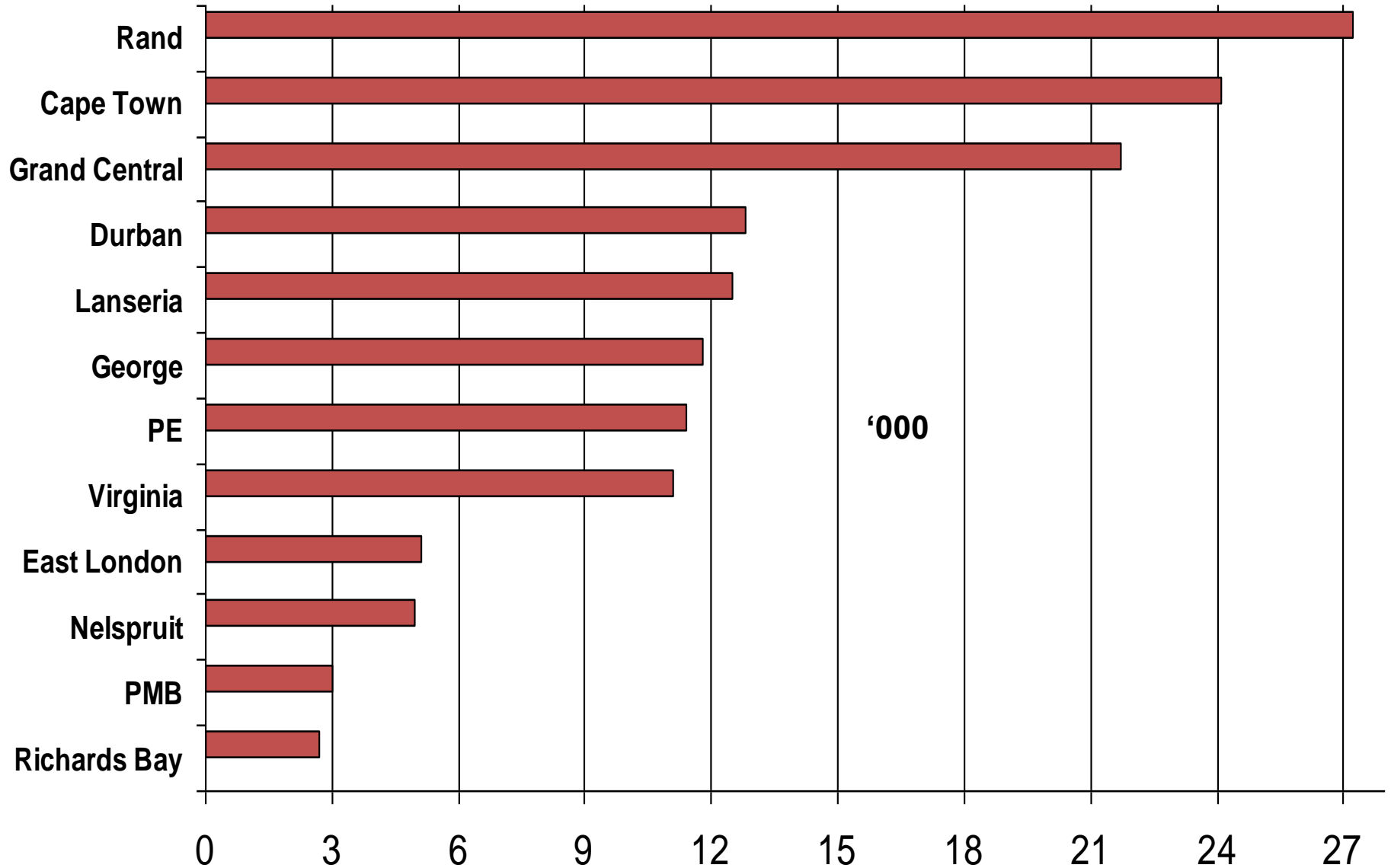
(Note: 4-quarter moving avg.)

R million



ATMs 3rd quarter – airports included in the CAAI

(Note: excl/ OR Tambo – 56,000)



Best performing airports in Q3 2018 (increase in ATMs compared to Q3 2017)

Airport	% increase
George	41
Richards Bay	22
Nelspruit	4.9
Lanseria	3.3
Rand	1.8

Best performing airports since Q3 2014 (increase in ATMs)

Airport	% increase
Cape Town	12.6
Rand	8.3
Durban	1.6
OR Tambo	0.2

Global rankings for the quality of air transport infrastructure – selected countries & BRICS

(Source: WEF)

