

AIR QUALITY GLADSTONE

VISUAL AMENITY

Visual amenity is reduced when many tiny airborne particles cause a build-up.

Build-ups occur when combustion happens in cars, industry and bushfires.



Poor Days = at least 1 National Environment Protection Measures (NEPM) station does not meet the EPP (Air) objective.

Fair Days = all stations are within the EPP (Air) objective, but at least 1 reaches at least 1/2 the objective.

Good Days = all stations are below 1/2 the EPP (Air) objective.



Visual amenity is 1 of 2 regional air quality trend indicators; it indicates effectiveness of management approaches in ensuring good air quality.

The following factors affect Visual Amenity in Gladstone:

- population increase
- increased vehicle emissions
- industrial activity
- weather events



Regional air quality trends show numbers of **poor, fair and good air quality** days for each year for Visual Amenity.

The Visual Amenity objective of 20km, given by The Environmental Protection (Air) Policy (EPP (Air)) 2008, means you should be able to see an object that is 20km away on a fine day.



Historical trends display that fewer days have exceeded the EPP (Air) goal since 2000.



In comparison to South East QLD so far in 2019:

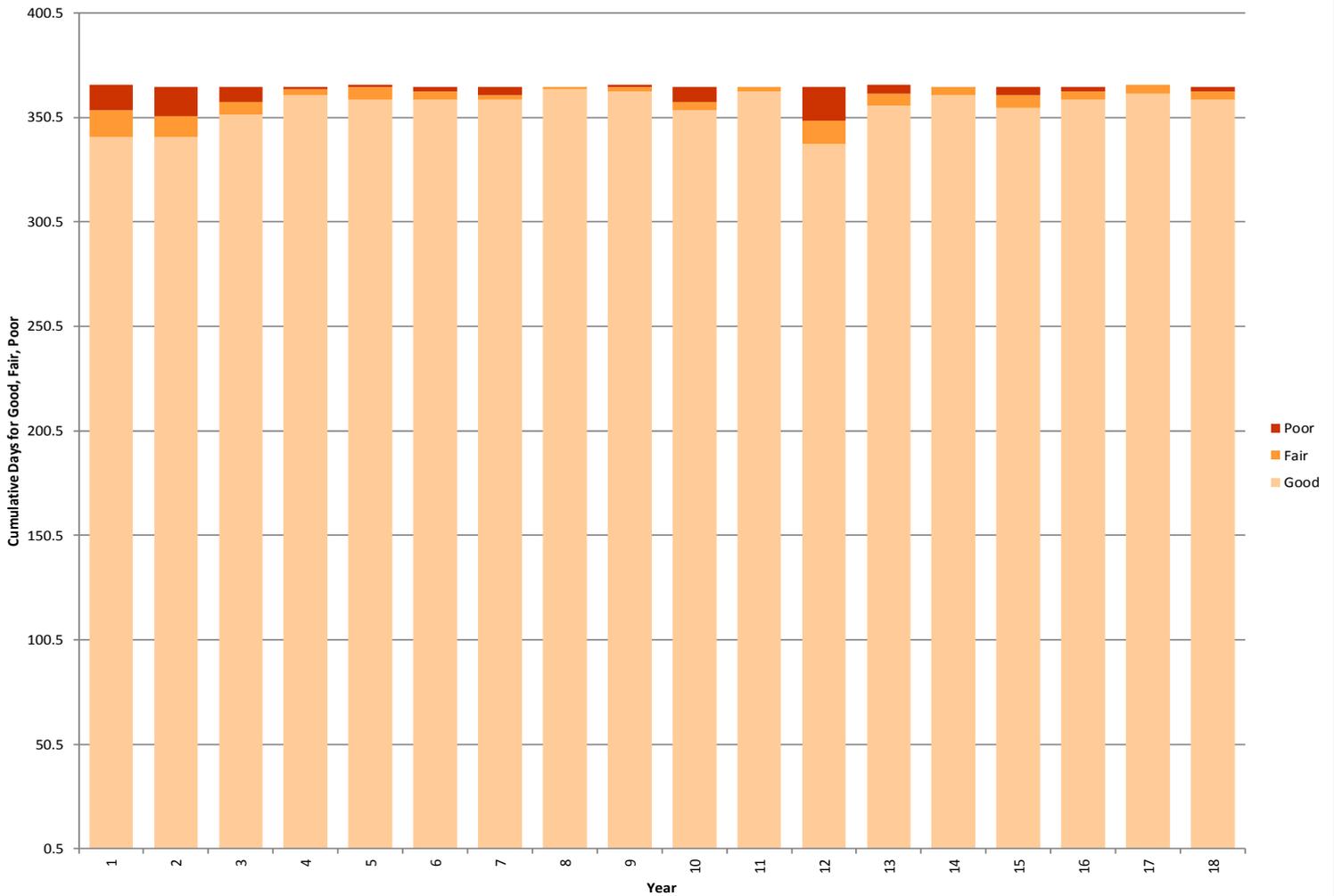
- Gladstone has had similar numbers of Poor Air Quality Days (South East QLD: 2, Gladstone: 3).
- Gladstone experienced a slightly greater number of Good Air Quality days (178), compared to South East QLD (173).



So far in 2019, Gladstone has displayed a total of 3 Poor Air Quality Days and 178 Good Air Quality Days, for Visual Amenity.

A great number of days exceeding the EPP (Air) goal occurred in South East QLD in 2012, and Gladstone in 2015 & 2017. Grass fires and bushfires contributed to this result.

Visual Amenity for Gladstone



Summary of Visual Amenity Trend Graph for Air Quality Fact Sheet

The graph displays the poor, fair and good air quality days for visual amenity in Gladstone from 2000-2018. Data was gathered from the air quality monitoring stations in the Gladstone region.

Gladstone experienced the highest number of poor air quality days for visual amenity (16) in 2011. In 2007, 2010, 2013 and 2016 there were zero poor days. In the past, the number of poor days have fluctuated without a strong trend.

The highest number of fair air quality days for visual amenity in Gladstone was seen in 2000 (13), and the lowest (1) in 2007. Between 2000 and 2011, a decreasing trend for fair days is presented, however following 2011, the number of fair days can be consistently seen at approximately 5 days until 2018, where a jump to 12 days (approx.) is observed.

The highest number of good air quality days for visual amenity in Gladstone (364) was seen in 2007, and the lowest (338) in 2011. The number of good days have fluctuated between 2000 and 2018, with no clear trends observed. Over the years, the number of good have consistently largely exceeded the number of poor and fair days.