

Summary of Portland Bureau of Transportation (PBOT) Asset Status and Condition Report Card (2019)

For full data sets or if you have further questions, please contact PBOT Asset Manager Emily Tritsch at 503-823-5069 or emily.tritsch@portlandoregon.gov.

PBOT Asset Management Description

The Portland Bureau of Transportation (PBOT) manages transportation assets worth \$15.4 billion. Portland's transportation system helps move people, goods, freight, and emergency response vehicles through the City. Motor vehicles, mass transit, bicyclists and pedestrians all benefit from the development, operations and maintenance of Portland's infrastructure. Portland's transportation assets include everything in the public right-of-way, including streets, sidewalks, bike lanes, bridges, traffic control devices, parking facilities, streetcars, an aerial tram, among other infrastructure. It is the system and service provided by these assets that make Portland one of the most livable cities in the country.

Asset Status and Condition Report Description

PBOT's Asset Status and Condition Report provides annual updates as to the physical condition and performance of its assets; additional funding needs to address asset deterioration and maintain assets to their intended service level are also included.

Pavement Condition

Busy (arterial/collector) streets that are in fair or better condition

PBOT's target is to maintain 80% of busy streets in Fair or better condition, but only 43% of busy streets met this target in 2019. The condition of Busy streets has been declining since 2015.

Residential (local) streets in fair or better condition

PBOT's target is to maintain 70% of residential streets in Fair or better condition, but only 28% of residential streets met this target in 2019. Residential street condition has been declining since 2015.

Bridges and Structures

PBOT-owned bridges in non-distressed conditions

This category's target is to maintain 80% of PBOT-owned bridges in non-distressed condition; PBOT exceeded this target in 2019 with 82% of bridges in non-distressed condition. This is an improvement from 81% in 2018 but down from 85% in 2017.

Guardrails in fair or better condition

This category's target is to maintain 90% of guardrails in Fair or better condition. In 2019, 86% of guardrails were in fair or better condition remaining steady from 2017 and 2018. This condition failed to meet its target.

Signals and Street Lights

Percentage of street lights in fair or better condition

This category's target is to maintain 80% of street lights in Fair or better condition. PBOT exceeded this target in 2019 with 95% of street lights in Fair or better condition increasing from 90% in 2017.

Traffic signal hardware in fair or better condition

This category's target is to maintain 80% of traffic signal hardware in Fair or better condition. PBOT failed to meet this target in 2019 with 76% of traffic signal hardware in Fair or better condition. This is down from 80% in 2018 but an increase from 71% in 2017. System condition is measured by age of signal hardware.

Traffic signals that operate without an outage annually

This category's target is to maintain 97% of traffic signals that operate without an outage annually. In 2019, 88% of traffic signals operated without an outage. This condition has failed to meet its target. This is down from 90% in 2018 but an increase from 88% in 2017. There is a correlation between signal condition and system reliability. As condition declines, more outages are expected to occur.

Traffic Operations

Traffic warning and regulatory signs in fair or better condition

This category's target is to maintain 90% of traffic warning and regulatory signs in Fair or better condition. PBOT failed to meet its target in 2019 with 65% of traffic warning and regulatory signs in Fair or better condition. A condition assessment of traffic signs is needed.

Parking

City-owned parking garages in good or better condition

This category's target is to maintain 100% of City-owned parking garages in Good or better condition. PBOT failed to meet its target in 2019 with 66% of City-owned parking garages in Good or better condition. This is consistent from 2017 and 2018.

Parking pay stations

This category's target is operating 20% or less of pay stations with less than two years of remaining service life. PBOT has exceeded its target in 2019 with 5% of its pay stations having less than two years of remaining service life. This is down from 20% in 2018.

Transit

Streetcars in fair or better condition

This category's target is to maintain 100% of streetcars in Fair or better condition. PBOT failed to meet its target in 2019 with 88% of its streetcars in Fair or better condition, this is down from 100% in 2017 and 2018.

Streetcar system in fair or better condition

This category's target is to maintain 100% of the streetcar system in Fair or better condition. PBOT met its target in 2019 with 100% of the streetcar system in Fair or better condition. The Streetcar system has remained steady the last three years.

Streetcar on-time performance

This category's target is to maintain an 80% on-time performance rate. PBOT exceed its target in 2019 with an 83% on-time performance rate. The Streetcar's on-time performance has remained steady the last three years.

Aerial Tram

Aerial Tram system in fair or better condition

This category's target is to maintain 95% of the aerial tram system in Fair or better condition. PBOT exceeded its target from 2017-2019 with 100% of the tram system in Fair or better condition.