



2023 ASSET MANAGEMENT REPORT CARD

Fire

Total asset replacement value	\$14.5 million
Current condition	FAIR ⬆️
Projected condition in 25 years	GOOD ⬆️
Annual funding needed to meet target performance	\$1.3 million
Annual average funding	\$1.2 million
Annual funding gap	\$100,000
Funding source	Tax base
Data maturity level	Medium

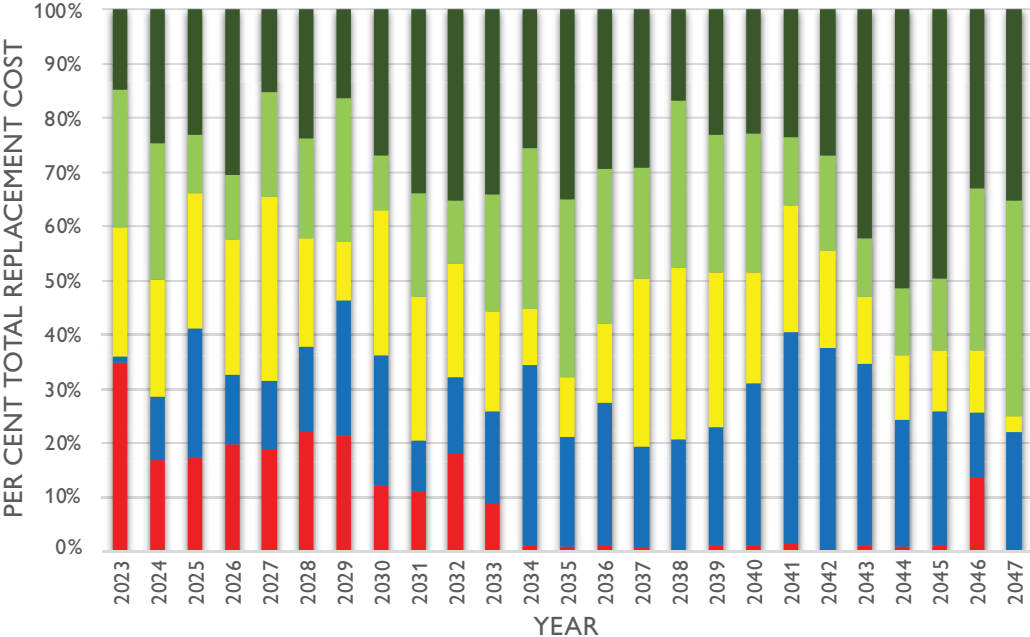


Annual funding needed: \$1.3 million



Assets include 1500 pieces of small equipment, personal protective equipment, communication, thermal imaging cameras and other safety devices.

Annual performance of fire assets



- Excellent
- Good
- Fair
- Poor
- Very Poor

CURRENT STRATEGY

The City's fire assets include the vehicles and equipment needed by our fire crews to respond to emergencies, as well as all the personal protective gear required to keep them safe. Fire assets are funded by the tax base. Fire stations are captured under the facilities asset group.

Fire equipment such as voice radio user gear, defibrillators, extrication equipment (e.g. jaws-of-life) or personal protective equipment is replaced when it reaches the end of its useful life in accordance with industry standards along with professional management by Fire staff. The estimated service life ranges between seven and 20 years, depending on the type of equipment.

Fire vehicles are replaced when they reach the end of their useful life, based on professional management by fire staff. The estimated service life ranges between seven and 15 years depending on the type of vehicle.

ASSET PERFORMANCE

Fire asset performance is evaluated using historical knowledge, age and observed conditions. The quality and availability of our asset data (data maturity) are continuously evolving. The current data maturity level for fire assets is assessed to be medium. The City is continuously working to improve asset data quality.

Approximately 36% of fire assets are currently considered in poor or very poor performance categories. Over the 25 year timeline, with the current level of funding, we anticipate the percentage of our fire assets with a poor or very poor performance profile to stay the same.

Based on the best available fire asset data, deterioration rates and 2023-2032 capital funding and forecast, we estimate that fire assets have an annual infrastructure funding gap of \$100,000.

LEVELS OF SERVICE

The following tables show the levels of service established by the City for fire assets. These metrics include the technical and community level of service required as part of the Ontario Regulation 588/17. Service metrics are reported for the prior year ending on December 31.



Assets include
22 vehicles
large fire
apparatus and
support vehicles.



Fire assets
with a poor
or very poor
performance

COMMUNITY LEVELS OF SERVICE

The following table outlines the qualitative descriptions that determine the community levels of service for fire assets.

SERVICE ATTRIBUTE	QUALITATIVE DESCRIPTION	2022
Reliability	Description of how the municipality provides fire services with minimal impact to the community.	Through a comprehensive preventive maintenance program and the positions of four dual-role of firefighter-mechanics (one per platoon per 24 hour shift) fleet and equipment are regularly maintained.
Cost Efficiency	Description of how the municipality delivers effective fire services.	Fire Services uses pumper/rescue combination fire trucks that enhance emergency response capacities and preventive maintenance efficiencies.

TECHNICAL LEVELS OF SERVICE

The following table outlines the quantitative metrics that determine the technical level of service for fire assets.

SERVICE ATTRIBUTE	QUANTITATIVE METRICS	2021	2022
Safety	Fire assets that are in fair or better condition (per cent)	39%	64%
Reliability	Amount of time when suppression equipment is available and operating properly (per cent)	Estimated to be 95%	Estimated to be 95%

The information presented here is based on the best currently available data a regarding asset inventory, performance, and degradation curves, along with funding included in 2023 approved capital budget and 2024-2032 capital forecast.