

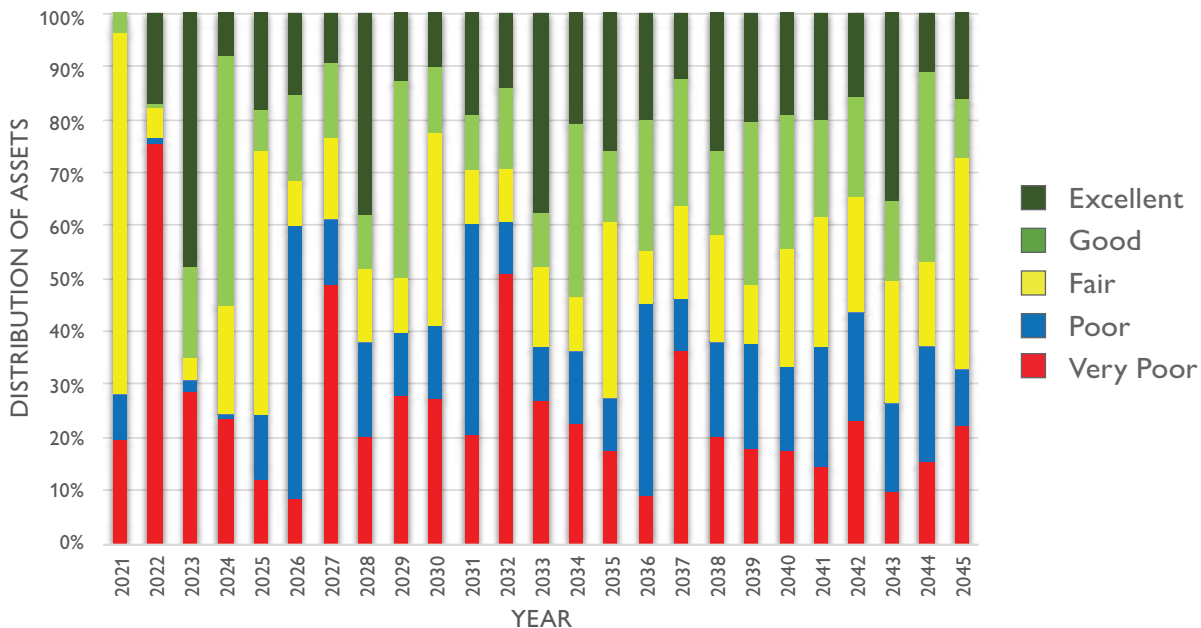
Information Technology

Total asset replacement value	\$16 million
Current condition	FAIR
Projected condition in 25 years	FAIR
Annual average funding	\$1.6 million
Annual funding needed to meet target performance	\$1.6 million
Annual funding gap	\$0
Funding Source	Tax Base
Data Maturity Level	Low



ASSETS INCLUDE
fibre optic cables,
laptop/desktop
computers,
software,
applications,
servers

Annual performance of information technology assets



CURRENT STRATEGY

There are approximately 1,500 information technology services (IT) related assets owned by the city, ranging from computers and software applications to fibre optic infrastructure. Approximately 65% of the value of our IT assets is for software and 35% is for data, hardware, and infrastructure. The city has invested a significant amount of time, effort and funding into building the technology network and infrastructure in order to support corporate and community growth. That same level of dedication will be needed in the coming years to maintain and replace deteriorating IT assets. The assets are replaced when they reach the end of their useful life. The estimated service life ranges between 1 and 5 years for software and hardware assets and 25 years for fibre optic infrastructure assets. Information technology is a tax funded asset.

ASSET PERFORMANCE

We evaluate the performance of our assets using asset data, a combination of historical knowledge, age, observed conditions, measurements and analytical techniques. The quality and availability of this information (also known as “asset data maturity”) is continuously improving. Updates to asset data and deterioration trends will change the projected performance of an asset. The higher the data maturity is, the greater confidence we have in our future performance projections for the asset. The maturity of our IT asset data is considered low.

Almost 30% of our IT assets are currently considered in poor or very poor performance. Over the 25 year timeline, with the current level of funding, we anticipate the percentage of our IT assets with an excellent performance profile to increase from 0% in 2021 to approximately 15% by 2045.

Based on the best available IT asset data, deterioration rates and 2020-2029 capital funding, we estimate that IT assets are sufficiently funded.

The information presented here is based on the best currently available data regarding asset inventory, performance and degradation curves along with funding included in the approved 2020-2022 capital budget and 2023-2029 capital forecast.



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