

# Output Indicators

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Federal Gas Tax Fund

2020 Reporting Year

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## Broadband Connectivity

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### Investments in an Internet backbone

- Length of fibre-optic cable installed or replaced
- Number of towers acquired, erected, rehabilitated or replaced
- Number of receivers, dishes and other assets that expand satellite capacity acquired, installed or replaced
- Number of points of presence established or improved

### Investments in last mile infrastructure

- Length of fibre-optic cable installed or replaced
- Length of copper cable installed or replaced
- Number of towers acquired, erected, rehabilitated or replaced
- Number of receivers, dishes and other assets that expand satellite capacity acquired, installed or replaced

### Investments in municipal wireless networks

- Number of public Wi-Fi zones created or extended

## Brownfield Redevelopment

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- Number of sites redeveloped for the construction of public parks
- Number of sites redeveloped for the construction of publicly-owned social housing
- Number of sites redeveloped for the construction of eligible infrastructure

## Community Energy Systems

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### Investments in energy distribution systems

- Number of district energy systems created, expanded, improved, or renewed
- Number of electrical grids created, expanded, improved, or renewed
- Number of natural gas distribution systems created, expanded, improved, or renewed

### Investments in renewable energy generation

- Number of geothermal energy systems acquired, constructed, improved or renewed
- Number of hydroelectric energy systems acquired, constructed, improved or renewed
- Number of hydrothermal energy systems acquired, constructed, improved or renewed
- Number of solar energy systems acquired, constructed, improved or renewed
- Number of wind energy systems acquired, constructed, improved or renewed

### Investments in cogeneration systems

- Number of cogeneration systems acquired, constructed, improved or renewed

### Investments in energy-efficient technologies and systems

- Number of electric vehicle charging stations installed, upgraded or replaced
- Number of municipal buildings built with energy-efficient materials or systems
- Number of municipal buildings retrofitted with energy-efficient materials or systems
- Number of energy-efficient streetlights installed or replaced

## Culture

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### Investments in cultural facilities

- Number of archives constructed, expanded, or renovated
- Number of art galleries constructed, expanded, or renovated
- Number of arts facilities constructed, expanded or renovated
- Number of community centres constructed, expanded, or renovated
- Number of heritage sites or buildings renovated or restored
- Number of indigenous cultural facilities constructed, expanded, or renovated
- Number of interpretive centres constructed, expanded, or renovated
- Number of libraries constructed, expanded, or renovated
- Number of memorial buildings or structures constructed, expanded, or renovated
- Number of museums constructed, expanded or renovated

## Disaster Mitigation

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### Investments in natural assets

- Number of drought-mitigating natural assets created, enhanced or restored
- Number of earthquake-mitigating natural assets created, enhanced or restored
- Number of erosion-mitigating natural assets created, enhanced or restored
- Number of extreme weather-mitigating natural assets created, enhanced or restored
- Number of flood-mitigating natural assets created, enhanced or restored
- Number of landslide-mitigating natural assets created, enhanced or restored
- Number of wildfire-mitigating natural assets created, enhanced or restored

### Investments in structural assets

- Number of drought-mitigating structural assets created, enhanced or renewed
- Number of earthquake-mitigating structural assets created, enhanced or renewed
- Number of erosion-mitigating structural assets created, enhanced or renewed
- Number of extreme weather-mitigating structural assets created, enhanced or renewed
- Number of flood-mitigating structural assets created, enhanced or renewed
- Number of landslide-mitigating structural assets created, enhanced or renewed
- Number of wildfire-mitigating structural assets created, enhanced or renewed

## Drinking Water

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### Investments in water distribution systems

- Length of existing watermains rehabilitated or replaced
- Length of new watermains installed
- Number of hydrants installed or replaced
- Number of pump stations built, enhanced, or renewed
- Number of water meters installed or replaced

### Investments in water sources

- Number of dams constructed, improved or renewed
- Number of wells constructed, improved or renewed

### Investments in water storage systems

- Number of reservoirs constructed, expanded or rehabilitated
- Number of storage tanks installed, expanded, rehabilitated or replaced
- Number of water towers constructed, upgraded or rehabilitated

### Investments in water treatment systems

- Number of water treatment facilities constructed, upgraded, or rehabilitated

## Local Roads and Bridges – Active Transportation

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### Investments in bicycle infrastructure

- Length of bike lanes constructed or installed
- Length of bike lanes rehabilitated or replaced
- Length of bike paths and trails constructed or installed
- Length of bike paths and trails rehabilitated or replaced
- Length of cycle tracks constructed or installed
- Length of cycle tracks rehabilitated or replaced
- Number of bicycle crossings installed, upgraded or replaced

### Investments in pedestrian infrastructure

- Length of pedestrian lanes constructed or installed
- Length of pedestrian lanes rehabilitated or replaced
- Length of pedestrian paths and trails constructed or installed
- Length of pedestrian paths and trails rehabilitated or replaced
- Length of sidewalks constructed or installed
- Length of sidewalks rehabilitated or replaced
- Number of pedestrian crossings installed, upgraded or replaced

### Investments in shared infrastructure

- Length of multi-use paths and trails constructed or installed
- Length of multi-use paths rehabilitated or replaced

### Investments in bridges for pedestrians and cyclists

- Number of bridges constructed or installed
- Number of bridges rehabilitated or replaced
- Surface area of bridges constructed or installed
- Surface area of bridges rehabilitated or replaced



**Investments in other infrastructure**

- Number of streetlights installed, acquired, upgraded, or replaced

**Local Roads and Bridges – Bridges**

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- Number of new bridges
- Number of rehabilitated or replaced bridges
- Surface area of new bridges
- Surface area of rehabilitated or replaced bridges

**Local Roads and Bridges – Culverts**

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- Number of new culverts
- Number of rehabilitated or replaced culverts
- Surface area of new culverts
- Surface area of rehabilitated or replaced culverts

**Local Roads and Bridges – Other**

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- Number of salt or sand storage facilities constructed
- Number of salt or sand storage facilities expanded, rehabilitated or replaced

## Local Roads and Bridges – Roads

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### Investments in roadways

- Length of paved roads constructed or acquired and length of unpaved roads converted to paved roads
- Length of paved roads rehabilitated or replaced
- Length of unpaved roads constructed or acquired and length of paved roads converted to unpaved roads
- Length of unpaved roads rehabilitated or replaced

### Investments in intersections and crossings

- Number of signalized intersections created or acquired
- Number of signalized intersections upgraded, rehabilitated or replaced
- Number of railway or light rail crossings created or acquired
- Number of railway or light rail crossings upgraded, rehabilitated or replaced
- Number of roundabouts created or acquired
- Number of roundabouts upgraded, rehabilitated or replaced
- Length of tunnels created or acquired
- Length of tunnels rehabilitated or replaced

### Investments in other roadway infrastructure

- Number of streetlights installed, acquired, upgraded, or replaced
- Number of traffic calming measures installed, rehabilitated or replaced

## Public Transit

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### Investments in passenger facilities

- Number of park & ride lots constructed, expanded or rehabilitated
- Number of stations and terminals constructed, expanded, rehabilitated or replaced
- Number of stops and shelters constructed, expanded, rehabilitated or replaced

### Investments in support facilities

- Number of maintenance and storage facilities constructed, expanded or rehabilitated
- Number of power facilities constructed, expanded or rehabilitated

### Investments in transit rights-of-way

- Length of bridges constructed, expanded, rehabilitated or replaced
- Length of railways, tracks, and guideways constructed, extended, rehabilitated or replaced
- Length of roadways and bus lanes constructed, extended, rehabilitated or replaced
- Length of tunnels constructed, extended, rehabilitated or replaced

### Investments in transit vehicles

- Number of conventional buses purchased or acquired
- Number of conventional buses refurbished or replaced
- Number of green buses purchased or acquired
- Number of green buses refurbished or replaced
- Number of ferries purchased, acquired, refurbished or replaced
- Number of street cars or rail cars purchased or acquired
- Number of street cars or rail cars refurbished or replaced
- Number of para transit vehicles purchased or acquired
- Number of para transit vehicles refurbished or replaced
- Number of transit support vehicles purchased, acquired, refurbished or replaced

## Recreation

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### Investments in curling facilities

- Number of curling facilities constructed, expanded, upgraded or rehabilitated
- Number of curling rinks constructed, upgraded, rehabilitated or replaced

### Investments in ice rinks and arenas

- Number of indoor arenas constructed, expanded, upgraded or rehabilitated
- Number of outdoor arenas constructed, expanded, upgraded or rehabilitated
- Number of indoor skating facilities constructed, expanded, upgraded or rehabilitated
- Number of outdoor skating facilities constructed, expanded, upgraded or rehabilitated
- Number of indoor ice pads constructed, upgraded, rehabilitated or replaced
- Number of outdoor ice pads constructed, upgraded, rehabilitated or replaced

### Investments in swimming facilities

- Number of indoor swimming facilities constructed, expanded, upgraded or rehabilitated
- Number of outdoor swimming facilities constructed, expanded, upgraded or rehabilitated
- Number of indoor swimming pools constructed, upgraded, rehabilitated or replaced
- Number of outdoor swimming pools constructed, upgraded, rehabilitated or replaced

### Investments in parks, beaches and outdoor spaces

- Number of campgrounds constructed, expanded, upgraded or rehabilitated
- Number of golf courses constructed, expanded, upgraded or rehabilitated
- Number of marinas, docks, and boat launches constructed, expanded, upgraded or rehabilitated
- Number of parks, beaches, open spaces, and green spaces constructed, expanded, upgraded or rehabilitated
- Number of playground structures installed, upgraded, rehabilitated or replaced
- Length of recreational paths and trails constructed, improved or rehabilitated
- Number of splash pads and wading pools constructed, upgraded, rehabilitated or replaced
- Number of outdoor sports courts and fields constructed, upgraded, rehabilitated or replaced

### **Investments in other community, recreation and sport facilities**

- Number of community, recreation and sports centres constructed, expanded, upgraded or rehabilitated
- Number of indoor stadiums constructed, expanded, upgraded or rehabilitated
- Number of outdoor stadiums constructed, expanded, upgraded or rehabilitated
- Number of indoor sports courts and fields constructed, upgraded, rehabilitated or replaced
- Number of indoor gymnasium and fitness facilities constructed, upgraded, rehabilitated or replaced
- Number of outdoor gymnasium and fitness facilities constructed, upgraded, rehabilitated or replaced

## **Regional and Local Airports**

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### **Investments in airport structures**

- Number of hangars and sheds constructed, expanded, enhanced or rehabilitated
- Number of terminals constructed, expanded, enhanced or rehabilitated

### **Investments in critical equipment**

- Items of heavy airside mobile equipment purchased, acquired, refurbished or replaced
- Number of navigational aids installed, upgraded or replaced
- Number of runway and taxiway lighting systems installed, upgraded or replaced

### **Investments in runways, taxiways, aprons and ramps**

- Number of aprons and ramps constructed, expanded or rehabilitated
- Length of runway constructed, extended or rehabilitated
- Length of taxiway constructed, extended or rehabilitated

### **Investments in supporting infrastructure**

- Length of access roads constructed, widened or rehabilitated
- Length of drainage works constructed, extended or rehabilitated
- Number of parking facilities constructed, expanded or rehabilitated

## Short-line Rail

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### Investments in rail facilities

- Number of freight loading and unloading facilities constructed, expanded or rehabilitated
- Number of stations and terminals constructed, expanded or rehabilitated
- Number of other facilities constructed, expanded, or rehabilitated

### Investments in rail rights-of-way

- Length of bridges constructed, expanded, rehabilitated or replaced
- Length of railways, tracks, and guideways constructed, extended, rehabilitated or replaced
- Length of tunnels constructed, extended, rehabilitated or replaced

### Investments in rail vehicles

- Number of locomotives purchased, acquired, refurbished or replaced
- Number of freight cars purchased, acquired, refurbished or replaced
- Number of passenger cars purchased, acquired, refurbished or replaced

## Short-sea Shipping

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- Number of docks, jetties, piers, quays and wharves constructed, improved, or rehabilitated
- Number of passenger stations and terminals constructed, expanded, upgraded, or rehabilitated
- Number of shipping terminals, storage facilities, and warehouses constructed, expanded, upgraded or rehabilitated

## Solid Waste

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### Investments in solid waste collection

- Number of garbage or recycling trucks purchased or acquired
- Number of garbage or recycling trucks refurbished or replaced
- Number of recycling containers (i.e., blue boxes) purchased or replaced
- Number of organics containers (i.e., green bins) purchased or replaced
- Number of waste containers purchased or replaced
- Number of transfer stations constructed, expanded, or rehabilitated
- Number of other collection systems created, enhanced, or rehabilitated

### Investments in land disposal sites

- Number of sites closed or decommissioned and number of closed or decommissioned sites enhanced or improved
- Number of dump sites created
- Number of dump sites expanded or rehabilitated
- Number of landfarms created
- Number of landfarms expanded or rehabilitated
- Number of landfills created
- Number of landfills rehabilitated or expanded
- Number of loaders, compactors, dozers and excavators purchased, acquired, refurbished or replaced
- Number of site studies completed or updated

### Investments in incineration and waste-to-energy facilities

- Number of incineration facilities constructed
- Number of incineration facilities expanded or rehabilitated
- Number of waste-to-energy facilities constructed
- Number of waste-to-energy facilities expanded or rehabilitated

**Investments in recycling and organics facilities**

- Number of anaerobic digestion facilities constructed
- Number of anaerobic digestion facilities expanded or rehabilitated
- Number of composting facilities constructed
- Number of composting facilities expanded or rehabilitated
- Number of recycling and material recovery facilities constructed
- Number of recycling and material recovery facilities expanded or rehabilitated

**Investments in supporting infrastructure**

- Length of access roads constructed, widened or rehabilitated



## Sports

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### Investments in curling facilities

- Number of curling facilities constructed, expanded, upgraded or rehabilitated
- Number of curling rinks constructed, upgraded, rehabilitated or replaced

### Investments in ice rinks and arenas

- Number of indoor arenas constructed, expanded, upgraded or rehabilitated
- Number of outdoor arenas constructed, expanded, upgraded or rehabilitated
- Number of indoor skating facilities constructed, expanded, upgraded or rehabilitated
- Number of outdoor skating facilities constructed, expanded, upgraded or rehabilitated
- Number of indoor ice pads constructed, upgraded, rehabilitated or replaced
- Number of outdoor ice pads constructed, upgraded, rehabilitated or replaced

### Investments in swimming facilities

- Number of indoor swimming facilities constructed, expanded, upgraded or rehabilitated
- Number of outdoor swimming facilities constructed, expanded, upgraded or rehabilitated
- Number of indoor swimming pools constructed, upgraded, rehabilitated or replaced
- Number of outdoor swimming pools constructed, upgraded, rehabilitated or replaced

### Investments in other recreation and sport facilities

- Number of recreation and sports centres constructed, expanded, upgraded or rehabilitated
- Number of indoor stadiums constructed, expanded, upgraded or rehabilitated
- Number of outdoor stadiums constructed, expanded, upgraded or rehabilitated
- Number of indoor sports courts and fields constructed, upgraded, rehabilitated or replaced
- Number of outdoor sports courts and fields constructed, upgraded, rehabilitated or replaced
- Number of indoor gymnasium facilities constructed, upgraded, rehabilitated or replaced
- Number of outdoor gymnasiums constructed, upgraded, rehabilitated or replaced

## Tourism

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### Investments in cultural facilities

- Number of arts facilities constructed, expanded or renovated
- Number of arts galleries constructed, expanded or renovated
- Number of heritage sites or buildings renovated or restored
- Number of memorial buildings or structures constructed, expanded, or renovated
- Number of museums constructed, expanded or renovated

### Investments in recreation and sports facilities

- Number of arenas constructed, expanded, upgraded or rehabilitated
- Number of campgrounds constructed, expanded, upgraded or rehabilitated
- Number of curling facilities constructed, expanded, upgraded or rehabilitated
- Number of golf courses constructed, expanded, upgraded or rehabilitated
- Number of marinas, docks, and boat launches constructed, expanded, upgraded or rehabilitated
- Number of parks, beaches, open spaces, and green spaces constructed, expanded, upgraded or rehabilitated
- Number of stadiums constructed, expanded, upgraded or rehabilitated

### Investments in tourism facilities

- Number of convention centres, trade centres, and exhibition facilities constructed, expanded, upgraded or rehabilitated
- Number of interpretive centres constructed, expanded, upgraded or rehabilitated
- Number of scenic lookouts constructed, expanded, upgraded or rehabilitated
- Number of tourism signs installed or replaced
- Number of tourism information centres constructed, expanded, upgraded or rehabilitated
- Number of zoos constructed, expanded, upgraded or rehabilitated

## Wastewater

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### Investments in sewer systems

- Length of combined sewer constructed
- Length of combined sewer rehabilitated or replaced
- Length of sanitary sewers constructed
- Length of sanitary sewers rehabilitated or replaced
- Length of storm sewers constructed
- Length of storm sewers rehabilitated or replaced

### Other investments in stormwater collection systems

- Number of culverts constructed
- Number of culverts rehabilitated or replaced
- Length of curbs and gutters constructed
- Length of curbs and gutters rehabilitated or replaced
- Length of ditches and swales constructed
- Length of ditches and swales rehabilitated
- Number of stormwater pump stations and lift stations constructed
- Number of stormwater pump stations and lift stations upgraded, rehabilitated or replaced

### Other investments in sewage collection systems

- Number of sewage pump stations and lift stations constructed
- Number of sewage pump stations and lift stations upgraded, rehabilitated or replaced
- Number of septic tanks installed
- Number of septic tanks rehabilitated or replaced
- Number of sewage storage tanks installed
- Number of sewage storage tanks rehabilitated or replaced

**Investments in stormwater management systems**

- Number of bioretention and biofiltration facilities constructed
- Number of bioretention and biofiltration facilities rehabilitated or replaced
- Number of outfalls and outlets constructed
- Number of outfalls and outlets rehabilitated or replaced
- Number of snow melt facilities constructed
- Number of snow melt facilities expanded or rehabilitated
- Number of stormwater management ponds constructed
- Number of stormwater management ponds expanded or rehabilitated
- Number of stormwater storage systems installed
- Number of stormwater storage systems upgraded or rehabilitated
- Number of wetlands restored or rehabilitated

**Investments in wastewater treatment and disposal systems**

- Number of sewage lagoons constructed
- Number of sewage lagoons expanded or rehabilitated
- Number of wastewater outfalls constructed
- Number of wastewater outfalls rehabilitated or replaced
- Number of wastewater treatment plants constructed
- Number of wastewater treatment plants expanded, upgraded or rehabilitated