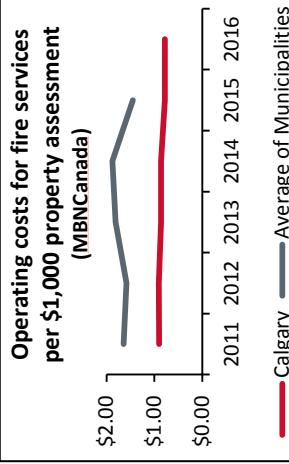
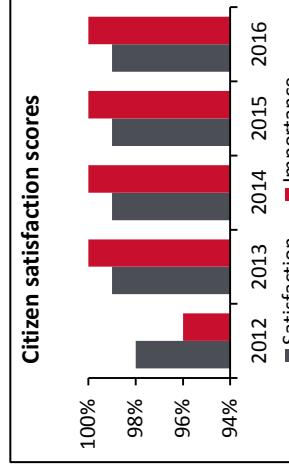
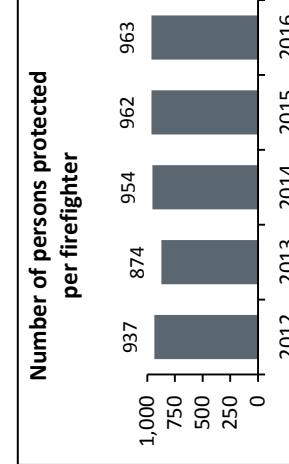
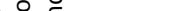
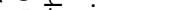
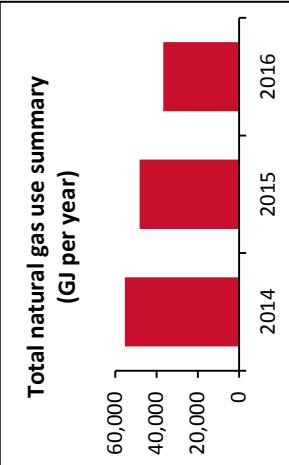
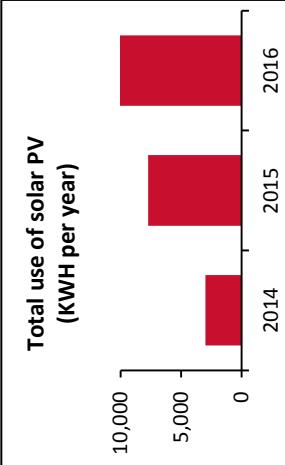


<b>MANAGING GROWTH</b>		<b>Strategies</b>	<b>2021 Target</b>	<b>Emergency response performance is maintained or improved, user fees and revenue is increased, and capital lifecycle guidelines are in place.</b>																							
<b>Vision:</b> In 2021, we will effectively and efficiently balance the fire and community safety service requirements presented by growth. Every Calgarian will have equitable access to appropriate, affordable and acceptable fire and community safety services. Sustainable, predictable funding allows us to maintain safe equipment, apparatus and facilities to support our service to citizens.																											
<b>How Are We Doing?</b>	<b>Our Story in 2016</b>																										
	<p><b>Net operating budget</b></p> <table border="1"> <thead> <tr> <th>Year</th> <th>Before efficiency gains in Action Plan (M\$)</th> <th>Action Plan (M\$)</th> <th>After ZBR efficiency gains (M\$)</th> </tr> </thead> <tbody> <tr> <td>2014</td> <td>225</td> <td>215</td> <td>210</td> </tr> <tr> <td>2015</td> <td>240</td> <td>230</td> <td>220</td> </tr> <tr> <td>2016</td> <td>245</td> <td>235</td> <td>235</td> </tr> <tr> <td>2017</td> <td>250</td> <td>240</td> <td>245</td> </tr> <tr> <td>2018</td> <td>255</td> <td>245</td> <td>245</td> </tr> </tbody> </table>	Year	Before efficiency gains in Action Plan (M\$)	Action Plan (M\$)	After ZBR efficiency gains (M\$)	2014	225	215	210	2015	240	230	220	2016	245	235	235	2017	250	240	245	2018	255	245	245		
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<b>ENSURING SAFE COMMUNITIES</b>																					
<b>Vision:</b> In 2021, every Calgarian will live in a safe community. Our programs and services will reflect the growing and changing community safety demands of our citizens, and will be tailored to the risk, diversity and needs of each community. Stations and firefighters are core to our communities and are key to delivering programs, services, and education that enhance the health, safety, and preparedness of our citizens. We support business in our city by ensuring safe facilities and practices that mitigate risk to their employees and our citizens.	<b>How Are We Doing?</b>	<b>2021 Target</b>	<b>Strategies</b>																		
	<b>Our Story in 2016</b>																				
	<p>We strive to anticipate and respond to the changing needs of our community. As a result of the growing Fentanyl crisis, we obtained the nasal spray naloxone and trained our fire crews to administer it to opioid overdose patients.</p> <p>Our prevention and safety education programs continued to reduce fires. In 2016, we responded to 21 per cent fewer fires, and we continued to encourage Calgarians to adopt safer, more responsible fire safety behaviours.</p> <ul style="list-style-type: none"> <li>• We met our goal of reaching one in nine Calgarians in a non-emergency setting, connecting with over 137,000 Calgarians.</li> </ul> <p>During Fire Prevention Week, we engaged the public using a variety of methods including a targeted smoke alarm blitz. Targeted communities were chosen by identifying areas with older homes where it is more likely that the smoke alarms may have expired. Combined with population data, this type of analysis allows us to target the right neighbourhoods for maximum risk mitigation.</p>	<p><b>2021 Target</b></p> <p>Fire stations are community hubs, our staff enhance and ensure the safety of citizens, and Calgarians are satisfied with our services.</p> <p><b>Strategies</b></p> <p>Engage citizens, deliver community safety prevention and education initiatives, and balance public safety demands.</p>	<p><b>Status</b></p> <p>● We provide services fundamental to the quality of life of citizens by managing changing and growing demand for community safety services.</p> <p>● Emergency response stations and firefighters are vital elements of our neighbourhoods and contribute to the vibrant urban fabric of our communities.</p> <p>● We are an essential element of complete communities.</p>																		
	<b>Civilian fire deaths and injuries</b>	<b>ZBR Recommendation</b>																			
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LEADING IN SERVICE TO CITIZENS			
<b>Vision:</b> In 2021, we have clearly demonstrated the life and safety outcomes, value and efficiency of our service. The means by which fire and community safety service is evaluated reflects the difference we have made in the quality of our citizens' lives, our communities and the social fabric of our city. Our commitment to sound science and research will help reduce fire and community safety risks in Calgary. It will also empower us to effectively advocate for changes to legislation and practices that result in safer infrastructure and buildings in our city.	<b>2021 Target</b>	Performance against comparable municipalities is met or exceeded, financial proxies are submitted and formal relations are established.	
<b>Strategies</b>	Lead advocacy efforts, integrate outcome and efficiency-based measures, leverage science and research to reduce fire risks, and measure social contribution.		
<b>How Are We Doing?</b>			
<b>Operating costs for fire services per \$1,000 property assessment (MBNCanada)</b>		<b>Our Story in 2016</b>  We continued to create value for our citizens and ensure efficient operations. Our efforts were reflected in strong results from the 2016 Citizen Satisfaction Survey and in the 2015 MBNCanada which showed our fire service operating costs per assessed value of the property we protect was \$0.78 per \$1,000, significantly lower than the comparative municipalities' average of \$1.45.	
<b>Citizen satisfaction scores</b>		 To reduce risks and improve outcomes, we reviewed the steps taken in response to the recommendations of the 2007 Provincial High-Intensity Residential Fires (HIRF) Working Group to determine possible next steps to reduce the risk of such fires. The findings of the review will be used to develop a strategy in 2017.  We partnered with Alberta Health Services, Business Licensing, and Plumbing and Gas Safety Code Officers to organize an inspection of more than 100 food trucks and trailers. The program is now a provincially recognized safety initiative, with other Canadian cities adopting our guidelines.  We worked with Calgary 9-1-1 to replace the call evaluation process with the same decision-tree process used for evaluating medical calls. This will result in a standardized format for gathering information from a 9-1-1 caller, and allow for a more accurate deployment of resources and refinement of our deployment plans.	
<b>Number of persons protected per firefighter</b>		In partnership with Planning & Development, CEMA, Law, and Real Estate and Development Services, we contributed to a Rail Policy Terms of Reference, part of a long-term strategy for approving development in proximity to the railway corridor. Within the Progressing Community Services regional model, we helped build a citizen-focused network where concerns can be raised and resolved efficiently. Examples included clean up of the Bow River Islands, conducting a full search of the Bow River, and working with internal partners and the "This Is My Neighbourhood" program to address issues such as poverty, gangs, food security, and housing.	
<b>Status</b>		<b>Sustainability Plan Visions</b>	
		 We leverage our experience and share our achievements and leading practices to drive the standards and measures of success for fire and community safety services.	
		 We measure our social return on investment to understand and optimize our impact and create more value for citizens and communities.	
		 Through collaboration with leading thinkers in the field of fire and community safety, we help drive innovation that reduces risk to lives and property and support efficient operations.	
		<b>Status</b>	<b>ZBR Recommendations</b>
		 Maintain CFAI accreditation.	
		 Develop a revised performance measurement approach to focus evaluation and service standards on outcomes.	

ELEVATING OUR ENVIRONMENTAL STEWARDSHIP																			
<b>Vision:</b> In 2021, we meet or exceed global benchmarks for environmental management in the fire services and have minimized our environmental footprint through innovative practices and collaboration. From a community perspective, we reduce risks to the health, safety and protection of our waterways, land and air by pioneering safe management practices for hazardous materials in our homes and businesses. Our environmental leadership role is the result of pursuing opportunities that demonstrate a sound balance between environmental benefit and economic sensibility.	<b>2021 Target</b>	Hazardous waste is diverted, greenhouse gas emissions are reduced, facilities have generated energy, and hazardous spills are prevented from entering our land and waterways.																	
<b>Strategies</b>		Develop an environmental sustainability plan, provide renewable resources, and devise strategies to address climate hazards and impact on the environment.																	
<b>How Are We Doing?</b>																			
<b>Our Story in 2016</b> <p>We continued best practices in health, safety and environmental practices. Both Environmental and Safety Management and Price Waterhouse Coopers conducted an audit of our environmental and safety management systems to confirm compliance with ISO 14001 registration and Certificate of Recognition (COR) certification which enables us to work towards City Council's priority of A Healthy and Green City.</p> <p>We continued working with developers to encourage them to construct new builds with fire sprinkler systems to reduce the risk of loss of life and property due to fire.</p> <p>We opened the Royal Vista Multi-Service Station #34. Built to Leadership in Energy and Environmental Design (LEED) Gold certification, the new station has many environmental and sustainable features including a rain garden, solar panels, green roof and an innovative water management system.</p>		<table border="1"> <thead> <tr> <th>Status</th> <th>Sustainability Plan Visions</th> </tr> </thead> <tbody> <tr> <td>●</td><td>We measure, and seek to reduce whenever financially feasible, the carbon footprint, water use and waste of our operations and fires within our communities.</td></tr> <tr> <td>●</td><td>We are an energy neutral organization.</td></tr> <tr> <td>●</td><td>We develop partnerships for environmental safety to support a reduction in fire and hazardous materials risks and the impact of climate-related hazards and events.</td></tr> </tbody> </table> 		Status	Sustainability Plan Visions	●	We measure, and seek to reduce whenever financially feasible, the carbon footprint, water use and waste of our operations and fires within our communities.	●	We are an energy neutral organization.	●	We develop partnerships for environmental safety to support a reduction in fire and hazardous materials risks and the impact of climate-related hazards and events.								
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VALUING AND EMPOWERING OUR WORKFORCE																																									
How Are We Doing?			What Are We Doing?																																						
<p><b>Vision:</b> In 2021, our workforce has just-in-time access to the types of training and development that support our service to citizens. Our human resources management and programs align with our organizational goals and motivate and support staff in achieving our vision. We apply technology as a strategic tool and enabler for public service innovation, productivity growth and reduction of our environmental footprint. Working in concert with our unions, we create service delivery and workforce strategies that protect the safety of our citizens and reflect consideration for all of the factors impacting sustainability.</p>			<p><b>2021 Target</b> Human capital risk is quantified, successors are identified, employees are satisfied, technology is in place, revenue is generated, and an occupational injury index is established.</p> <p><b>Strategies</b> Provide recruitment and outreach, secure employee feedback, identify gaps in workforce training, evaluate technologies and integrate occupational health and safety strategies.</p>																																						
<p><b>Our Story in 2016</b></p> <p>Eighty-seven per cent of our 1,478 employees provided frontline emergency services to citizens, while the remaining members supported firefighters through rescue services support, health and wellness services, training, public education and response and station planning.</p> <p>We initiated Progress Forum meetings bringing together CFD management and the Local 255 Executive. Employee satisfaction remains high, with a steady improvement of over 60 points since 2012.</p> <table border="1"> <caption>Employee Satisfaction Index Data</caption> <thead> <tr> <th>Year</th> <th>Satisfaction Index</th> </tr> </thead> <tbody> <tr><td>2012</td><td>100</td></tr> <tr><td>2013</td><td>120</td></tr> <tr><td>2014</td><td>140</td></tr> <tr><td>2015</td><td>130</td></tr> <tr><td>2016</td><td>160</td></tr> </tbody> </table> <p><b>Employees</b></p> <table border="1"> <caption>Employee Uniform Status Data</caption> <thead> <tr> <th>Uniform Status</th> <th>Percentage</th> </tr> </thead> <tbody> <tr><td>Uniformed fire suppression staff</td><td>87%</td></tr> <tr><td>Non-uniformed support staff</td><td>13%</td></tr> </tbody> </table>			Year	Satisfaction Index	2012	100	2013	120	2014	140	2015	130	2016	160	Uniform Status	Percentage	Uniformed fire suppression staff	87%	Non-uniformed support staff	13%	<table border="1"> <thead> <tr> <th>Status</th> <th>Sustainability Plan Visions</th> </tr> </thead> <tbody> <tr> <td>●</td> <td>We fully understand and manage our capital risk to ensure we meet the evolving service of our citizens.</td> </tr> <tr> <td>●</td> <td>Our employees will have the skills and knowledge to deliver a breadth of fire and community safety services to citizens through world-class training, technology and innovation</td> </tr> <tr> <td>●</td> <td>Our management and labour work collaboratively to create a safe, engaged and sustainable workforce.</td> </tr> </tbody> </table> <p><b>ZBR Recommendations</b></p> <table border="1"> <thead> <tr> <th>Status</th> <th>ZBR Recommendations</th> </tr> </thead> <tbody> <tr> <td>○</td> <td>Include diversity messaging in recruiting campaigns.</td> </tr> <tr> <td>○</td> <td>Develop internal messaging to accompany Diversity &amp; Inclusion program.</td> </tr> <tr> <td>○</td> <td>Develop diversity and inclusion awareness training for all CFD members.</td> </tr> <tr> <td>●</td> <td>Increase incumbent training.</td> </tr> </tbody> </table> <p>The recruit program was shortened and class sizes were smaller than in previous years, freeing up training officers' time to focus on increased incumbent training including specialized skill courses and crew training days.</p> <p>Live streaming of monthly fire leadership meetings began in 2016. The meetings are accessible to all staff and include the Chief's address, divisional updates, challenges in the workplace, and examples of leadership.</p>			Status	Sustainability Plan Visions	●	We fully understand and manage our capital risk to ensure we meet the evolving service of our citizens.	●	Our employees will have the skills and knowledge to deliver a breadth of fire and community safety services to citizens through world-class training, technology and innovation	●	Our management and labour work collaboratively to create a safe, engaged and sustainable workforce.	Status	ZBR Recommendations	○	Include diversity messaging in recruiting campaigns.	○	Develop internal messaging to accompany Diversity & Inclusion program.	○	Develop diversity and inclusion awareness training for all CFD members.	●	Increase incumbent training.
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<b>BUILDING SERVICE RESILIENCY THROUGH EMERGENCY MANAGEMENT</b>													
<b>Vision:</b> In 2021, we have established relationships, planning and protocols critical to maintaining our service to citizens throughout the course of any large-scale disaster or emergency. By leveraging our stations and firefighters located throughout Calgary, we are a key partner in helping create resilient, self-activating communities. We are closely tied to forecasting emerging disaster and emergency events, and prepare our workforce and communities to respond safely, effectively and appropriately.	<b>2021 Target</b>	Formal agreements are established, staff receive training, staff are mobilized during large-scale disasters, and communities have demonstrated resiliency.											
<b>How Are We Doing?</b>	<b>Strategies</b>	Identify emerging issues, conduct internal emergency management risk assessment, develop workforce strategies, and collaborate and define role in assisting communities.											
	<b>Status</b>	<b>Sustainability Plan Visions</b>											
<p><b>Our Story in 2016</b></p> <p>In February, we partnered with the Calgary Emergency Management Agency (CEMA) and Calgary Police Service (CPS) to design a protocol for CPS frontline members to respond to rail incidents safely.</p> <p>We collaborated with CPS, CEMA and Alberta Health Services (AHS), to participate in a mock mass-casualty emergency at the University of Calgary. The purpose of the exercise was to help assess the institution's emergency readiness plan.</p> <p>We supported the firefighting effort in Fort McMurray by protecting homes and infrastructure in Fort McMurray and the Regional Municipality of Wood Buffalo. The Fire Tactical Operations Centre was activated to manage logistics throughout the event. Following the devastating wildfire event, we updated our Remote Deployment Plan based on lessons learned from the Fort McMurray deployment.</p> <p>We responded to a number of severe weather events including the severe rain and hail storm on August 6. Severe weather incidents are expected to increase in the next decade and responding effectively and efficiently to these incidents ensures that citizens live in safe, inspiring neighbourhoods.</p>													
<p><b>Fort McMurray Response</b></p> <p><b>450</b> CFD firefighters deployed</p> <p><b>88,000</b> people evacuated</p> <p><b>2,400</b> structures destroyed by fire</p>			<p>Work commenced with CPS and AHS to develop protocols for responding to a Criminal Mass Casualty Incident (CMCI). Calgary is the first municipality in Canada to sign a tri-services agreement that includes tactics, safety equipment and associated training related to a CMCI. This protocol will assist all three agencies to ensure the safety of their members and the public through a common understanding of procedures and roles.</p> <p>To support the expanded Calgary International Airport terminal and prepare for its associated increase in traffic, fire crews situated at Airport Fire Station 13 developed an Aircraft Rescue Firefighting (ARFF) program with specialized training on the Aircraft Cabin Trainer for Airplane Search Teams. These unique hands-on training environments allow our fire crews prepare for real-life scenarios.</p>										
<p><b>Severe weather events attended</b></p> <table border="1"> <tr> <td>2012</td><td>2013</td><td>2014</td><td>2015</td><td>2016</td> </tr> <tr> <td>62</td><td>119</td><td>185</td><td>173</td><td>793</td> </tr> </table>			2012	2013	2014	2015	2016	62	119	185	173	793	<p>● Complete/Continuing      ○ In Progress      ★ Significant Achievement</p>
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