

DEPARTMENT OF FINANCE

2021 Budget

Ensure the efficient and effective delivery of City services through strong financial management and excellent customer service.



Finance Overview

Divisional General Fund Operating

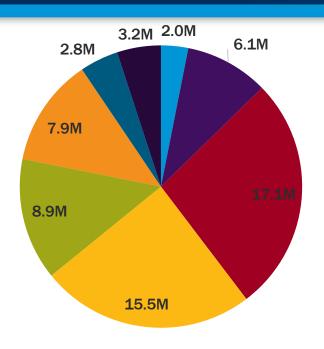
- Office of the Chief Financial Officer
- Assessment Division
- Treasury Division
- Cash, Risk & Capital Funding
- Controller's Office
- Division of Real Estate
- Budget & Management
- Capital Planning & Programming

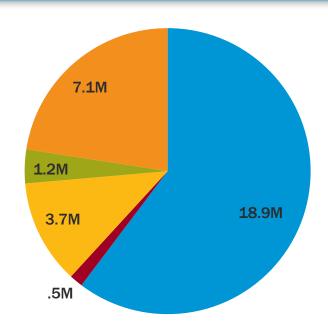
Transfers/Special Appropriations

- Certificate of Participation (COP) payments
- Downtown Historic District
- Hotel Tax Increment
- Special DERP Payments
- Unemployment Comp Insurance
- Worker's Compensation
- Contingency Fund



Finance Structures





Operating Budget - \$63.4M

- Office of the CFO
- Assessment
- Treasury
- Cash, Risk & Capital Funding
- Controller's Office
- Real Estate
- Budget & Management
- Capital Planning & Programming

Transfers/Special Appropriations - \$59.7M

- Certificate of Participation (COP) payments
- Downtown Historic District
- Hotel Tax Increment
- Special DERP Payments
- Unemployment Comp Insurance
- Worker's Compensation



ORGANIZATIONAL DETAILS

Assessment

 Locates, appraises and records all of Denver's properties

Cash, Risk & Capital Funding

Oversees the City's banking services, including cash handling and investment of city funds, debt issuance, Workers'
 Compensation insurance program, and management of the City's risk and exposure to loss

Budget & Management

- Budget Office prepares and oversees the implementation of the City's annual budget
- Peak Academy provides training and coaching for employees at all levels to improve the way government works

Office of the CFO

Unifies the City's Financial Functions

Controller

 Responsible for citywide payroll, accounts payable, general accounting, financial reporting and fiscal rules and policies

Capital Planning & Programming

 Oversees capital financial planning, budgeting, policies and procedures; proposal prioritization and strategic capital planning efforts

Treasury

- Tax Compliance
 Section collects,
 records, and deposits
 all city taxes and
 enforces tax
 compliance
- Denver Motor Vehicle registers and titles vehicles and to collect, record, and deposit all taxes and fees for vehicles

Real Estate

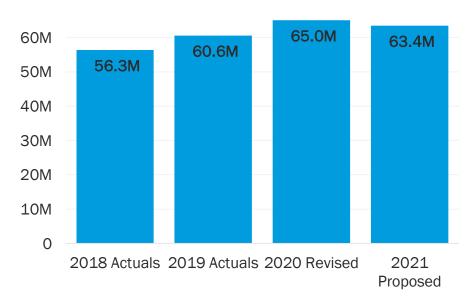
 Asset management for the City's real estate portfolio



DOF General Fund Operating Expenditures & FTEs



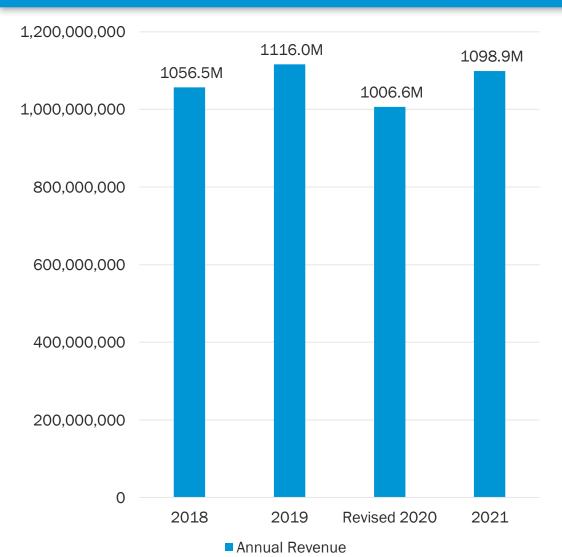




- Reflects \$5.55m in restricted budget in 2020 and almost 22 fewer FTEs.
- Includes mandatory citywide increases
 - \$1.45m insurance premiums
 - \$2m ADA Professional Services
 - \$205k lease increases 5



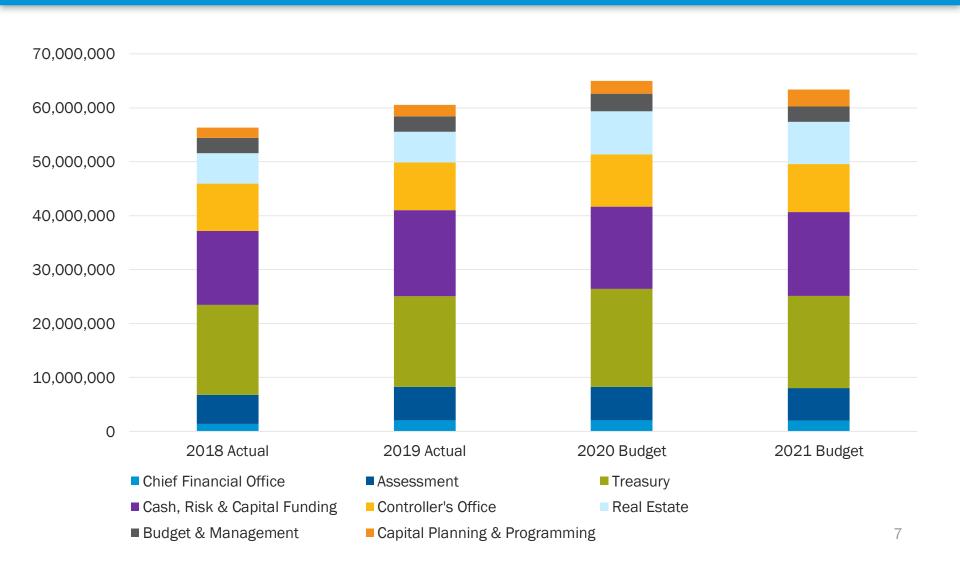
YOY DOF General Fund Revenue Change



- DOF houses the City's tax revenues
- Revenue projections assume recovery from a significantly impacted 2020 revised revenue forecast

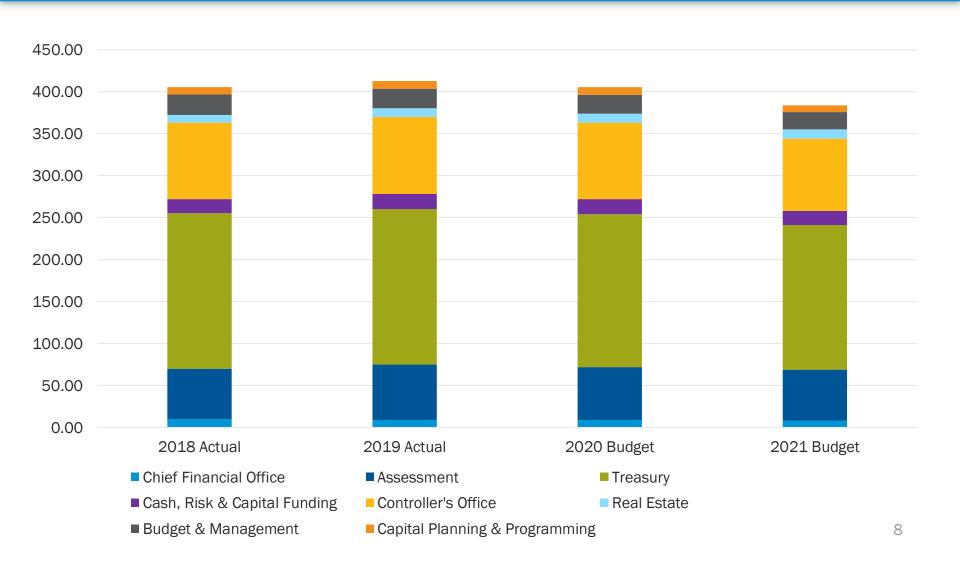


YOY Divisional Budget Change





YOY Divisional FTE Change





Budget Methodology

- Maintain service levels, specifically customer services
- Limit impact to current employees
 - Freeze nearly all vacant positions starting in March 2020
 - Look inward to all discretionary services and supplies accounts across the eight divisions
- 2021 new revenue options to preserve city services
 - Implement credit card service fees for online and over the counter transactions

DOF SERVICE FOCUS

- Preserving DOF Services
- Financial Transparency
- Financial Integrity
- Fiscal Monitoring and Flexibility



Shared
Resources &
Responsibilities



Maximizing
Technology for
Employee's &
Resident's



Instrumental in Citywide Acceleration Plan



DOF Equity Framework Summary

Equity Framework used in Operating Budget

- Budget Team completed Equity Budget Framework training and ADA document accessibility training
- Agencies received training and one- on-one coaching on addressing equity questions regarding budget submissions
- Office of Social Equity and Innovation (OSEI) team representatives participated in all CFO and Mayor Budget meetings to provide guidance and feedback on equity impacts
- OSEI worked with agencies to develop mitigation strategies to avoid or reduce the impact of budget reductions on historically marginalized communities of color, First Nations/Indigenous people, and underresourced communities.

Equity Framework used in Capital Budget

- The Capital Planning and Programming team closely collaborated with the Office of Social Equity and Innovation (OSEI) to define an equity framework specific to capital projects.
- The equity framework is applied at three levels of decision-making in the Capital Improvement Plan (CIP) — planning, programming, and implementation — to create more equitable infrastructure outcomes.
- The CIP prioritizes capital projects that serve historically-marginalized communities of color, First Nations/Indigenous, and underresourced communities or are in areas with less access to opportunity.



DOF Equity Framework Summary

2020 Actions:

Federal CARES Act Funding

Allocation of \$127 million of Coronavirus Relief Funds to support community and emergency needs due to COVID-19. Programs support public health, economic and housing stability, sheltering, emergency food needs, and services targeting hard to reach populations. Allocations based on eligibility, emergency need, program readiness, as well as priorities identified by Council.

Denver Motor Vehicle Registration Enforcement Waiver

Working with DOTI and DPD, the DMV implemented a waiver of enforcement for expired license plates and registrations from April 1 through August 31, 2020 to provide Denver residents additional time to complete title and registration activities following the closure of the DMV due to COVID-19.

The DMV also waived late registration fees through August 31 to provide more flexibility for Denver residents during the pandemic.



DOF Equity Framework-Peak Academy/OSEI Partnership

Peak Academy:

- Added OSEI framework into every applicable Peak course and module
- The Peak Academy team cross trained to co-teach the OSEI course (Peak will start teaching this course with OSEI in 2021)
- Peak Academy is assisting OSEI in implementation of a framework for employees
 to identify and make changes to government processes post course, much like
 the certification requirement for Peak courses. OSEI trainees will soon have
 equity innovations and those will be tracked in a database (like Peak)
- Peak Academy built the OSEI dashboard
- Peak Academy co-hosted the OSEI book club and developed the content



DOF Equity Framework: Social Impact Bonds

- Investing \$2.9 million to continue the work of the Supportive Housing Social Impact Bonds (SIB) program in 2021
 - Program has helped more than 422 people exit the streets and criminal justice system through supportive housing since 2016, with most successfully remaining in housing
 - Original SIB program contract ends in 2020 and city will continue the investment in 2021 through the General Fund
 - Full report on program outcomes will be available in mid-2021
- Awaiting a decision on status of Denver's Social Impact Partnerships to Pay for Results Act (SIPPRA) application to US Treasury for new program to support housing and health intervention outcomes



Treasury Division



Programmatic Tax Compliance Reductions

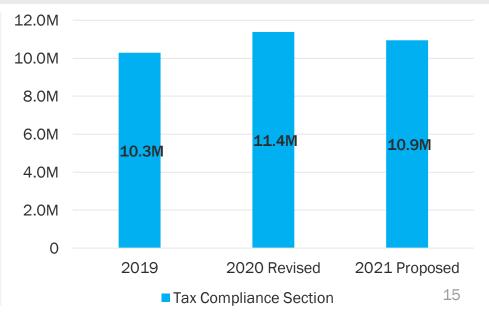
Personnel Expenditures	FTE	Services & Supplies
-\$688,500	-7.0 FTE	-\$317,500

A decrease in personnel services to freeze the following vacant positions: one Finance Manager; one Tax Compliance Supervisor; one Lead Tax Auditor; one Staff Tax Auditor; two Tax Technicians, and one Senior Management Analyst due to SIP and proactive freeze of vacant positions. Also a reduction in discretionary travel, dues, license and office supplies.

Mitigating Actions to Deliver Service:

- Realign responsibilities across teams
- Temporary measures implemented in 2020 to support Denver residents through the pandemic:
- Deferment of sales and use tax, OPT and property taxes.

These measures provided financial flexibility to Denver residents and at-risk businesses as well as a grace period to get back into compliance.





Tax Customer Focus

Tax Compliance





2019	2020
52,418 Transactions	35,041 Transactions (ytd 08/31)
Phone 36,258	Phone 27,195
Walk-in 16,160	Walk-in 7,846 (closed for 2 months)

The city waived the 15% penalty for late payment for sales, use, occupational privilege, and seat (facility development admissions) taxes for February, March and April tax returns.



COVID Response: Tax Compliance Services



The City took full advantage of the state-granted authority to waive interest for late payment of property taxes for March 20 through April 30, and again from June 16 through Oct. 1, 2020



10,207 property owners have taken advantage of the interest waiver, with **\$657,868** of interest waived, as of Sept. 17



Businesses were required file their sales/use tax return and remit the tax funds within 30 days of the due date



5,670 businesses took advantage of the opportunity to file returns 30 days late and the city waived **\$1,413,357** of penalties associated with this program



Programmatic DMV Reductions

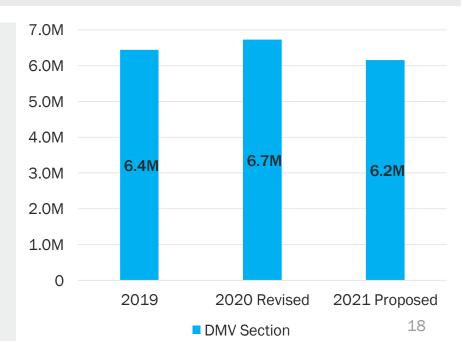
Personnel Expenditures	FTE	Services & Supplies
-\$186,800	-3.0 FTE	-\$190,000

A decrease in personnel services to freeze three Motor Vehicle Technicians positions and temporarily reduce overtime in the Motor Vehicle unit. The responsibilities of these positions will be absorbed by existing staff. Also, a reduction in discretionary travel, dues, license and office supplies.

Mitigating Actions to Deliver Service:

- Increased online and mail-in support
- Temporary measures implemented in 2020 to support Denver residents through the pandemic
- Requested suspension of enforcement for expired license plate tags while DMV closed

These measures reduced the risk Denver residents would be out of compliance and incur financial penalties





DMV Customer Focus

2019 – 845,595 transactions **2020 (ytd thru 09/17)** – 479,483 transactions

Denver Motor Vehicle branches closed March 16 due to the pandemic and resumed processing mail/online transactions May 4. Branches reopened to the public June 29:

- 83,827 walk in customers served June 29 Sept. 17
 - average 1,524 customers/day
- 184,431 transactions completed June 29 Sept. 17 via mail, online, walk-in and phone
 - 6,650 average number of calls per month June 29 through Aug. 31
 - average 309 calls/day (managed by 4 MV Tech's)



COVID Response: DMV Services



Denver Motor Vehicle transacted our backlog of transactions faster than any other DMV in the region



DMV employees, in coordination with public health officials, crafted guidelines to safely reopen to the public on June 29



DMV staff took additional precautions and measures throughout the summer to protect patrons and co-workers from excessive heat



DOTI and DPD suspended enforcement of expired license plates and registrations from April 1 through August 31 to allow the DMV team time to work through the backlog



The city, in conjunction with the State Dept. of Revenue, waived late registration fees through August 31, providing flexibility for both Denver residents and the DMV team in dealing with the pandemic



Cash, Risk and Capital Funding (CRCF) Division



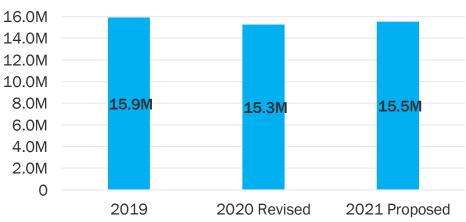
Programmatic Cash & Investments Budget Changes

Key Budget C	hanges
Description	Financial Change
Mandatory Insurance Premium Increase	\$1,452,200
Bank Charge & Fees	(\$700,000)
Financial Advisory Services & Event Consultants	(\$474,500)
Finance Director Retirement	(\$229,800)
Training & Travel	(\$30,000)

Key Impacts

- More residents paid 2020 taxes online and used payment lockboxes and alternate drop boxes when city offices closed due to pandemic
- Online payments:
 June 2019 35% | June 2020 41%
- Proactive monitoring and management of city's \$5.3
 billion investment portfolio to meet emergency spending needs and mitigate exposure to weakening investment credits

CRCF Division Budget





Payment Card Service Fee's Revenue

Key Budget C	hanges
Description	Financial Change
Increase in Revenue	\$3,291,000

Key Impacts

In 2021, CRCF is implementing a new payment system, expanding online payments and improving the customer experience both online and in person

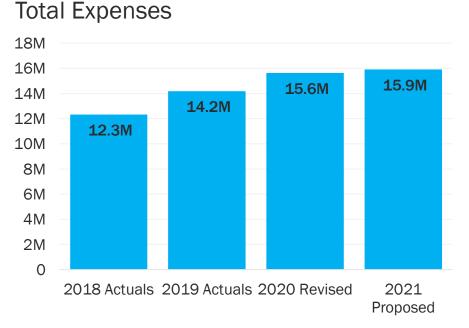
	Projected Fees	Projected Fees	Projected Fees	Projected Fees	Total
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Projected Fees
Motor Vehicle Payments	459,964	473,720	500,856	482,627	1,917,167
ECS Online Payments	-	-	652,448	603,228	1,255,676
ECS Point-of-Sale Payments	-	-	-	118,221	118,221
	459,964	473,720	1,153,304	1,204,076	3,291,064

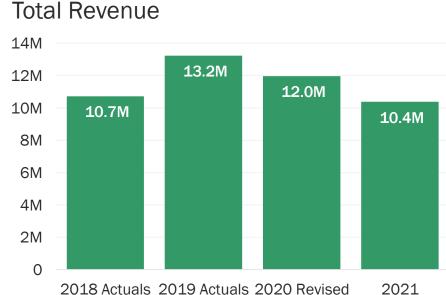
Proposed



Worker's Compensation Fund & FTE Changes









Programmatic Worker's Comp & Risk Team Reductions

Key Budget C	hanges
Description	Financial Change
Reduction in Billings	-\$1,582,000

Key Impacts

2020 - projecting **50**% increase in Worker's Compensation claims vs. 2019

815 Ouchline calls related to COVID ytd

2021 - claims are expected to moderate from 2020 levels

Description	2020	2021
Estimated Workers' Compensation claim payments	\$8.0M	\$8.5M
Estimated incurred as a % of payroll	12%	11.5%
Estimated outstanding Workers' Compensation liability	\$29M	\$32M
Estimated Property and Liability insurance premiums	\$3.8M	\$4.2M



Controller's Office

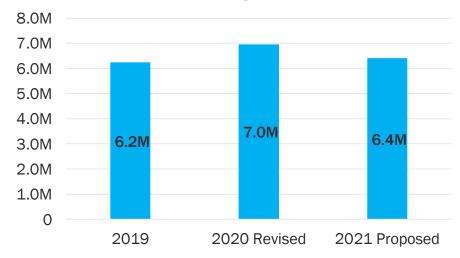


Programmatic Accounting Team Reductions

Personnel Expenditures	FTE	Services & Supplies
-\$404,600	-5.0 FTE	-\$72,300

A net decrease in personnel services to freeze the following vacant positions: one Marketing and Communication Professional II, one Associate Accountant, and three Accounting Technician II. The responsibilities of these positions will be absorbed by existing staff. Also, a reduction in discretionary travel, dues, license and office supplies.





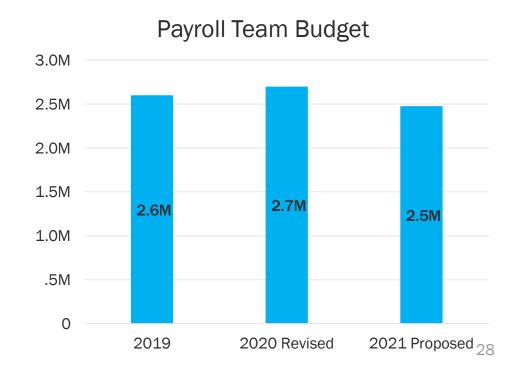


Programmatic Payroll Team Reductions

Personnel Expenditures	FTE	Services & Supplies
\$0	O FTE	-\$25,000

A continuation of a 2020 reduction by freezing one payroll associate. Also a reduction in discretionary travel, dues, license and office supplies.

Payroll will continue to oversee the furlough program, including the proposed tiered system in 2021





Assessment Division

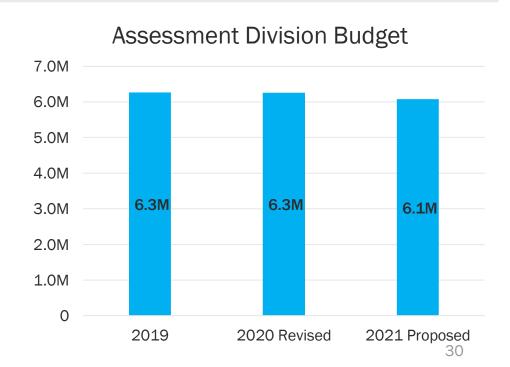


Programmatic Assessment Division Reductions

Personnel Expenditures	FTE	Services & Supplies
-\$170,800	-2.0 FTE	-\$35,000

Freezes one Personal Property Appraiser II, abolishes a vacant limited position ending in 2020, and eliminates on-call budget. Also, a reduction in discretionary travel, dues, license and office supplies.

- Assessment verified 35,000 sales transactions in 2020 in preparation of the 2021 revaluation
- In 2021, will send 225,000 notices of biennial real property revaluation and 15,000 business personal property notices
- Due to the pandemic, Assessment estimates as many as 20,000 appeals from property owners, a 30-60% increase from what is typical
- Assessment responds to approximately 45,000 customer inquiries each year
- MITIGATION: Staffing should remain sufficient to both perform the bi-annual reassessment and complete the implementation of the replacement property tax system



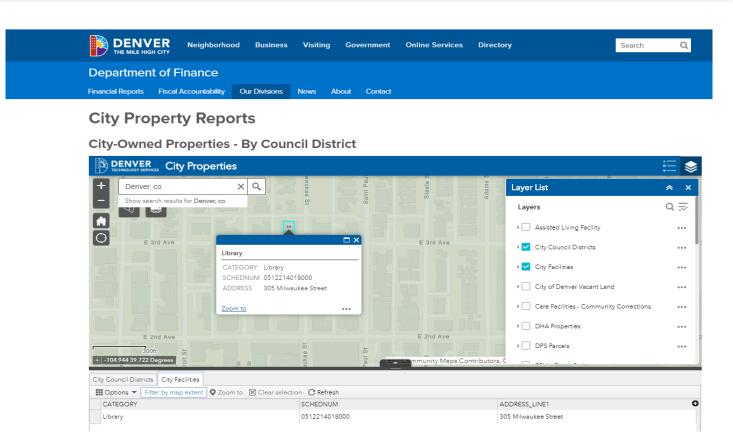


Division of Real Estate



Real Estate Website

- All facilities posted online
- All facilities posted as a layer in DenverGIS
- Parks and Facilities also listed by asset





Real Estate Website

All City owned vacant property available on the Real Estate site by parcel to denvergov.org/realestate

ounty of Denver Owned Vacant Land						1 / 51				
					Denver (Owned Vacant Parc	cels			
	PARCEL KEY	CLASS	TOTL SQFT	ZONE	STREET NUMBER	STREET DIR	STREET NAME	STREET TYPE	OWNER	
	02223-13-026-000	10	1	I-A	4201	N	DELAWARE	ST	CITY & COUNTY OF DENVER	
	04362-07-027-000	099	3	S-SU-F	2801	S	INGALLS	WAY	CITY & COUNTY OF DENVER	
	02214-38-014-000	099	4	U-TU-C	3900	N	NAVAJO	ST	CITY & COUNTY OF DENVER	
	05095-07-028-000	099	4	I-MX-3	1500	W	BAYAUD	AVE	CITY & COUNTY OF DENVER	
	05203-05-055-000	099	6	S-MX-3	1701	S	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	06063-15-040-000	099	6	PUD-G	770	N	COLORADO	BLVD	CITY & COUNTY OF DENVER	
	05122-32-044-000	099	7	C-CCN-12	155	N	STEELE	ST	CITY & COUNTY OF DENVER	
	02213-44-003-000	099	9	U-TU-C	1800	W	39TH	AVE	CITY & COUNTY OF DENVER	
	06063-00-033-000	099	10	C-MU-10	4094	E	11TH	AVE	CITY & COUNTY OF DENVER	
	02282-21-029-000	099	11	U-TU-B	2000	w	35TH	AVE	CITY & COUNTY OF DENVER	
	05012-13-044-000	099	11	G-MU-3	1300	N	JOSEPHINE	ST	CITY & COUNTY OF DENVER	
	06063-00-034-000	099	11	C-MU-10	4096	E	11TH	AVE	CITY & COUNTY OF DENVER	
	02293-30-036-000	099	12	G-MX-3	2601	N	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	05081-03-031-000	099	12	I-A	700	N	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	05084-06-031-000	099	12	E-RH-2.5	100	N	DECATUR	ST	CITY & COUNTY OF DENVER	
		099	12	C-MU-10	4098	E		AVE	CITY & COUNTY OF DENVER	
	06063-00-035-000 01234-00-076-000	099	13	I-B	3895	N N	11TH	ST		
			13			W	PEORIA		CITY & COUNTY OF DENVER	
	02214-45-028-000	099		B-2	1231		38TH	AVE	CITY & COUNTY OF DENVER	
	02322-36-020-000	099	13	G-MX-3	2001	N	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	05095-06-011-000	099	15	I-B	1600	W	ARCHER	PL	CITY & COUNTY OF DENVER	
	05204-06-056-000	099	15	E-MX-3	2995	W	JEWELL	AVE	CITY & COUNTY OF DENVER	
	02266-23-011-000	099	17	U-SU-B1	2601	N	GAYLORD	ST	CITY & COUNTY OF DENVER	
	02321-34-020-000	099	18	C-MX-5	2022	N	BRYANT	ST	CITY & COUNTY OF DENVER	
	02353-05-037-000	099	20	U-MX-3	2101	N	DOWNING	ST	CITY & COUNTY OF DENVER	
	05061-22-042-000	010	20	G-MU-3	1295	N	QUITMAN	ST	CITY & COUNTY OF DENVER	
	05095-00-018-000	099	20	I-B	1801	W	IRVINGTON	PL	CITY & COUNTY OF DENVER	
	01153-02-012-000	099	22	I-A	9165	E	NORTHFIELD	BLVD	CITY & COUNTY OF DENVER	
	02321-07-059-000	099	22	G-MS-3	2922	W	26TH	AVE	CITY & COUNTY OF DENVER	
	05061-04-025-000	099	24	U-MS-5	3900	w	COLFAX	AVE	CITY & COUNTY OF DENVER	
	05174-09-024-000	099	24	E-MX-3	800	S	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	05321-03-045-000	099	24	PUD	2700	S	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	02321-34-023-000	099	25	C-MX-5	2006	N	BRYANT	ST	CITY & COUNTY OF DENVER	
	02355-14-033-000	099	25	C-MX-5	1781	N	YORK	ST	CITY & COUNTY OF DENVER	
	05111-11-020-000	099	25	U-SU-C	401	N	GILPIN	ST	CITY & COUNTY OF DENVER	
	05221-08-052-000	099	26	R-MU-30	1188	S	BROADWAY		CITY & COUNTY OF DENVER	
	02222-00-059-000	099	27	I-B	400	w	48TH	AVE	CITY & COUNTY OF DENVER	
	05084-12-040-000	099	27	E-MX-3	138	N	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	05095-08-011-000	099	29	I-B	100	S	PECOS	ST	CITY & COUNTY OF DENVER	
	02263-17-008-000	099	30	C-MX-3	3301	N	DOWNING	ST	CITY & COUNTY OF DENVER	
	05086-32-033-000	099	32	B-4	203	N	FEDERAL	BLVD	CITY & COUNTY OF DENVER	
	02263-17-011-000	099	33	C-MX-3	3305	N	DOWNING	ST	CITY & COUNTY OF DENVER	
	02200 21 022 000				-			•		
	5/20/2020 4:32 PM									1 of 51
					Denver (Owned Vacant Parc	els			



2021 Real Estate Plan

2020 Master Planning Underway

- County and District Courts including supporting agencies (completed)
- Civic Center Core updated plan
- Roslyn Campus Master Plan assessment of Safety and DOTI uses (completed)

Completed Master Plans

- Public Works (now DOTI) Citywide Master Plan (2019)
- Webb Building Space Planning (2019)
- 3 Year Shelter Plan (2018)
- 303 W. Colfax Programming Study (2018)
- 303 W. Colfax Facility Assessment (2108)
- Civic Center Core (2010)

Real Estate Committee (Fall 2019)



City-Owned Space Efficiencies

- Identify opportunities to consolidate and configure city-owned office space to accommodate occupants vacating leased space upon expiration in 2023 -2028
 - Short Term: Develop and implement best practices for space standards and occupancy guidelines for City owned office buildings post COVID 19 workplace (i.e. work from home and employee social distancing)
 - Long Term: Work with agencies to understand work options (working remotely, in person and hybrid) as they relate to space planning (i.e. hoteling stations vs. dedicated work stations)
- The 2022 budget and future budget years will require funds for furniture systems, technology improvements, programming, and related move costs
- Budget dollars, consistent with the Court Master Plan, are required for continued build out of courts and their supporting agencies in CCB and Lindsey-Flanigan



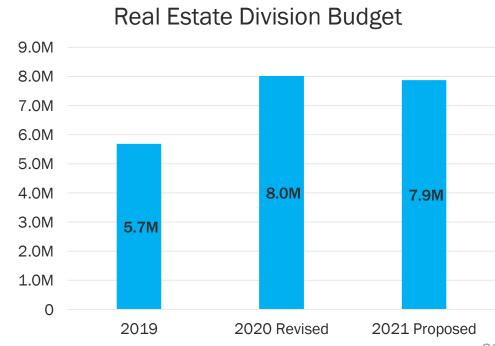
Programmatic Division of Real Estate Reductions

Personnel Expenditures	FTE	Services & Supplies
0	N/A	-\$118,300

An increase in services and supplies in mandatory lease payments of \$205,000.

Also a reduction in discretionary travel, dues, license and office supplies.

- Partnered with General Services and agencies to procure and install safety glass and other measures to protect city employees and customers from exposure to COVID-19
- Expand outreach efforts to agency heads and leaders to understand their respective plans for the post-2020 COVID-19 workplace, embracing a combination of consolidation, hoteling and working remotely to gauge how these changes impact future space requirements





Budget & Management Office

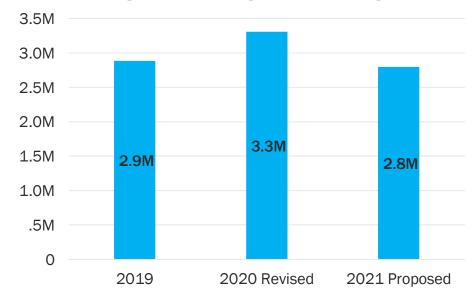


Programmatic Budget Office & Peak Team Reductions

Personnel Expenditures	FTE	Services & Supplies
-\$170,600	-1.75 FTE	-\$331,000

A net <u>decrease</u> due moving one FTE from three quarter time to full time and offsetting the increase by freezing a Senior Budget Analyst and a Continuous Improvement Specialist. The responsibilities of these positions will be absorbed by existing staff. Also, a reduction in discretionary travel, dues, license and office supplies.

Budget & Management Budget





Capital Planning and Programming

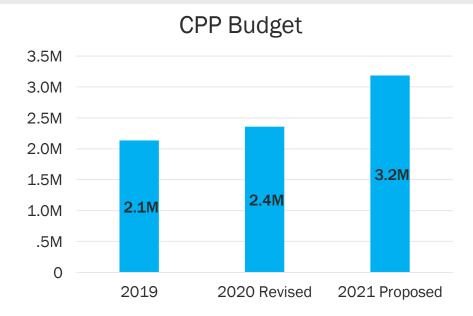


Programmatic CPP Reductions

Personnel Expenditures	FTE	Services & Supplies
-\$125,500	-1.00 FTE	-\$850,000

A decrease in personnel services by freezing one vacant Project Manager II and a net reduction associated with swapping of positions with HOST resulting in an unlimited Financial Analyst Specialist budgeted for 6 months in 2021. The responsibilities of these positions will be absorbed by existing staff. Also, a reduction in professional services, travel, dues, license and office supplies.

 \$2m in citywide professional services to ensure ADA compliance set aside in CPP





GO BOND Position Charging

Expenditures	FTE	Duration
-\$304,000	N/A	Temporary

A temporary reduction in personnel due to charging the salary portion of positions for time spent supporting the delivery of GO Bond projects to the Elevate Denver Bond program for 2021. There are no impacts to planned projects as a result of this financial action.

- Legally, bond proceeds can only be spent on costs associated with the delivery and management of the capital program for which it was generated
- Accelerating bond and CIP programs to support economy and jobs
 - Double the Return: \$2 million in economic activity is generated by every \$1 million in capital investment
 - Proven Successful: During Great Recession, Better Denver bond program was a major driver of economic activity

Amount in Each Control Real Estate Capital Planning & Programming Cash, Risk & Capital Funding CFO 37,880 0 50,000 100,000150,000



Other Appropriations

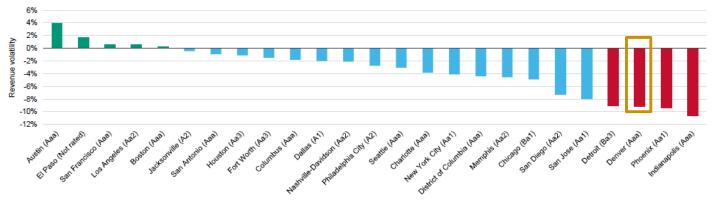
Title	2020	2021	Description
Downtown Historic District Tax Rebate	\$300,000	\$0	Reduction in the rebate of property taxes imposed on certain qualifying structures.
Hotel Tax Increment / Denver Urban Renewal Authority (DURA)	\$1,834,000	\$475,000	Reduction of the 1% Lodgers' Tax increment to DURA to fund the redevelopment and expansion of the Colorado Convention Center
DPS-Stapleton Mill Levy Payment	\$2,001,600	\$2,242,600	Increase of the city retained tax revenue to Denver Public Schools (DPS)
Workers' Compensation Billings	\$8,650,732	\$7,068,387	Reduction of the centralized payment from the General Fund to the Workers' Compensation Internal Service Fund (ISF) for premiums
Unemployment Comp Insurance	\$600,000	\$1,200,000	Reimburses the State of Colorado for unemployment benefits paid by the State to former General Fund employees
Special Payments- Denver Employment Retirement Program (DERP)	0	\$3,700,000	Payment to DERP, which is necessary to offset the unfunded liability that is the result of the retirement Special Incentive Program (SIP)
General Fund Contingency	\$16,061,272	\$26,095,000	Charter requires the proposed budget for the General Fund shall include an amount no less than 2% of the total estimated expenditures
Annual Rental Payments	\$21,125,645	\$18,899,009	Decrease in Certificates of Participation (COPs) and other lease purchase payments that are paid by General Fund



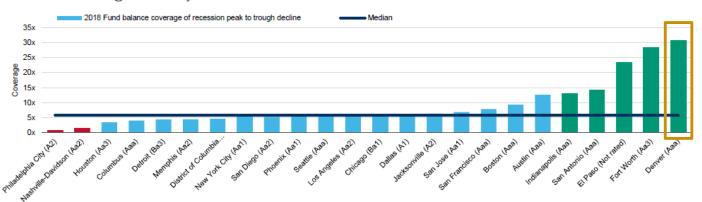
Debt and Capital Funding

In Denver, careful management of reserves over time positioned it well heading into the pandemic

- A Moody's survey of the 25 largest cities by population shows most are unlikely to undergo a sudden and unexpected drop in revenue of more than 5% in a recession, based on their largest one-year decline in the prior downturn, regardless of revenue mix
 - The median largest 1-year decline was 2.7% between 2007-2011; 5 cities had no decline at all



Current reserves will cover the fund balance decline that occurred over a 4-year period during the last recession in all but one
instance, with median coverage of nearly 6x



Denver is the only city or county to hold AAA General Obligation bond ratings from all three rating agencies

Moody's

Rating/Outlook Aaa/Stable

Last Review October 2019

Primary Analysts
Grayson Nichols, Denise
Rappmund

Strengths:

- Regional economic center with large tax base and stabilizing institutions
- Sound financial management practices and healthy reserves
- Strong taxable value and sales tax growth in recent years
- Moderate unfunded pension liability and manageable fixed cost burden
- Proven ability to make necessary operating adjustments to address budget shortfalls and match recurring revenues and expenditures

Concerns:

- · Reliance on economically sensitive revenues
- Above average but manageable debt levels
- Moderate exposure to variable rate debt

Noteworthy:

 Factors that could lead to a downgrade include: deterioration of financial reserve position; economic contraction measured by a trend of actual value declines; or substantial growth in pension burden and/or significant underfunding of annual pension costs

S&P Global

Rating/Outlook AAA/Stable

Last Review
November 2019

Primary AnalystsJane Ridley, Alyssa Farrell

Strengths:

- One of the fastest growing cities in the US
- Very strong economy, with access to a broad and diverse MSA
- Very strong management, with strong financial policies and practices
- Strong budgetary performance
- · Very strong liquidity and budget flexibility

Concerns:

 Weak debt and contingent liability profile, with debt service carrying charges at 9.4% of expenditures and net direct debt that is 84.3% of total governmental fund revenue

Noteworthy:

- Rating could decline if the city develops a structural imbalance that goes unaddressed, or starts to otherwise deteriorate financially given the pressures of rapid growth
- Further, should the debt and pension burden begin to place additional pressure on Denver's operations or flexibility, the rating could be lowered

FitchRatings

Rating/Outlook AAA/Stable

Last Review May 2020

Primary Analysts

Jose Acosta, Rebecca Moses

Strengths:

- Post pandemic revenue growth prospects remain strong
- Ample revenue raising flexibility
- Moderate carrying costs and long-term liability burden
- Demonstrated superior financial resiliency during economic downturns
- City funds pensions at or above actuarially determined levels
- Young population and highly educated workforce

Concerns:

 Rising cost of living could start to dampen future in-migration

Noteworthy:

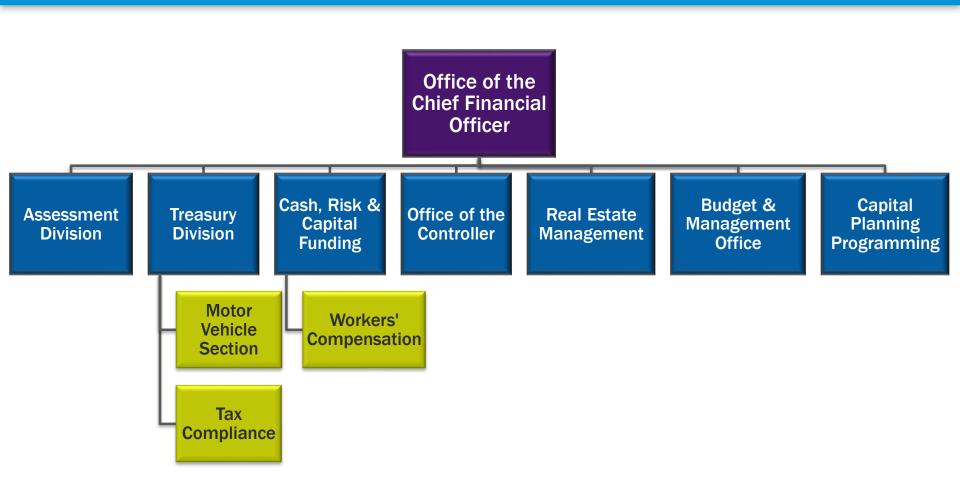
Factors that could pressure the rating: failure
of the city's resource base to keep pace with
growth in the long-term liability burden, which
is dominated by overlapping debt; or, a slower
and/or weaker recovery from the current
economic contraction that materially shrinks
growth in operating revenues and diminishes
reserves



Appendix



ORGANIZATION

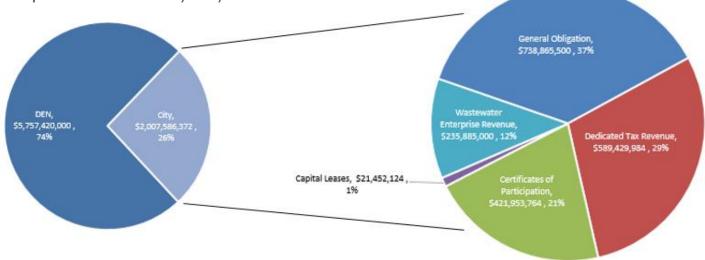




Debt and Capital Management Existing Debt Snapshot

\$7.765* billion total debt portfolio as of 9/30/2020:

*Does not include special district & other conduit financings



Debt and Other Financial Obligations Portfolio Credit Ratings	Moody's	S&P	Fitch
General Obligation	Aaa	AAA	AAA
Certificates of Participation (1)(2)	Aa1	AA+	AA+
Capital Leases	NR	NR	NR
Dedicated Tax Revenue	Aa3	AA-	AA
Golf Enterprise	Baa2	NR	NR
Wastewater Revenue	Aa1	AAA	AAA
Airport System Senior Lien Revenue Bonds	A1	A+	AA-
Airport System Subordinate Lien Revenue Bonds	A2	А	A+

(1) Series 2012A, 2013A, and 2018A rated Aa2 by Moody's

(2) Series 2017A private placement, not rated