David Whitaker, Esq.
Director
Irvin Corley, Jr.
Executive Policy Manager
Marcell R. Todd, Jr.
Director, City Planning
Commission
Janese Chapman
Director, Historic Designation
Advisory Board

John Alexander
Megha Bamola
LaKisha Barclift, Esq.
Nur Barre
M. Rory Bolger, Ph.D., AICP
Elizabeth Cabot, Esq.
Tasha Cowen

City of Detroit CITY COUNCIL

LEGISLATIVE POLICY DIVISION

208 Coleman A. Young Municipal Center Detroit, Michigan 48226

Phone: (313) 224-4946 Fax: (313) 224-4336

George Etheridge **Christopher Gulock, AICP Derrick Headd** Marcel Hurt, Esq. Kimani Jeffrey Anne Marie Langan Jamie Murphy Kim Newby Analine Powers, Ph.D. Jennifer Reinhardt, AICP Rebecca Savage Sabrina Shockley Thomas Stephens, Esq. **David Teeter Theresa Thomas** Kathryn Lynch Underwood, MUP Ashley A. Wilson

TO: Beth Niblock, Chief Information Officer

Department of Innovation and Technology (DOIT)

FROM: David Whitaker, Director

Legislative Policy Division

DATE: March 12, 2021

RE: 2021-2022 Budget Analysis

Attached is our budget analysis regarding your department's budget for the 2021-2022 Fiscal Year.

Please be prepared to respond to the issues/questions raised in our analysis during your scheduled hearing on **Friday, March 19, 2021 at 2:00 p.m.** We would then appreciate a written response to the issues/questions at your earliest convenience subsequent to your budget hearing. Please forward a copy of your responses to the Council members and the City Clerk's Office.

Please contact us if you have any questions regarding our budget analysis.

Thank you for your cooperation in this matter.

Attachments:

Issues and Questions Agency Plan: Mission, Goals and Activity Summary Budget Summary Appropriation and Cost Center Expenditures Positions

cc: Councilmembers

Auditor General's Office Steven Watson, Deputy CFO/Budget Director Felix O' Aku, Agency CFO for Governmental Operation Departments Avery Peeples, Mayor's Office Kevin Hill, Budget Analyst

Department of Innovation and Technology (31) FY 2021-22 Budget Analysis by the Legislative Policy Division

<u>Department of innovation and Technology (DOIT) 2021-22 Budget</u> Issues and Questions

- 1. Please briefly explain the DOIT's new expense initiatives, new capital funding requests, operational reform and savings proposals, and new revenue initiatives/proposals to be implemented in FY 2022. Please provide which appropriation/cost center the new initiative/request/proposal is impacting in FY 2022.
- 2. DOIT's General Fund recommended budget for FY 2022 totals \$22.6 million, a small decrease of \$136,217 from the FY 2021 budget total of \$22.7 million. However, please explain \$594,880 increase in salaries in FY 2022.
- 3. Please explain \$1,055,610 decrease in operating supplies in FY 2022. What programs does this decrease impact?
- 4. Please explain \$443,658 increase in operating services.
- 5. Please explain \$280,000 decrease in other expenses.
- 6. In FY 2022 DOIT's budget has zero budgeted for Capital expenses such equipments. Please explain why.
- 7. We understand that the Police Department is the only department that has not been brought into the new UltiPro Payroll system. When is the expected completion date for the Police Department's payroll integration into the new system?
- 8. According to the Office of the Chief Financial Officer (OCFO), as of December 31, 2020, the department had 23 vacancies. Please briefly describe the difficulty of filling the vacancies. Also, please briefly explain the department's strategy to fill vacant positions.
- 9. The FY 2022 DOIT proposed budget includes 147 positions, an increase of 3 positions from the 144 budgeted in FY 2021. The Public Safety cost center 310220 has 2 more positions in FY 2022; and the Office of the CIO cost center 310010 has 1 more position in FY 2022. Please explain the purpose of the position increases?
- 10. Please provide update on security improvements to protect City's computer system infrastructure and prevent breaches and hacking? This is now more important than ever before as large portion of City's employees are working remotely during the COVID-19 Pandemic.

DEPARTMENT OF INNOVATION & TECHNOLOGY (31)

AGENCY PLAN

MISSION:

The Department of Innovation and Technology (DoIT) empowers City agencies, partners and citizens to achieve their goals; and innovates by delivering reliable, timely, cost-effective, appropriate technology and solutions.

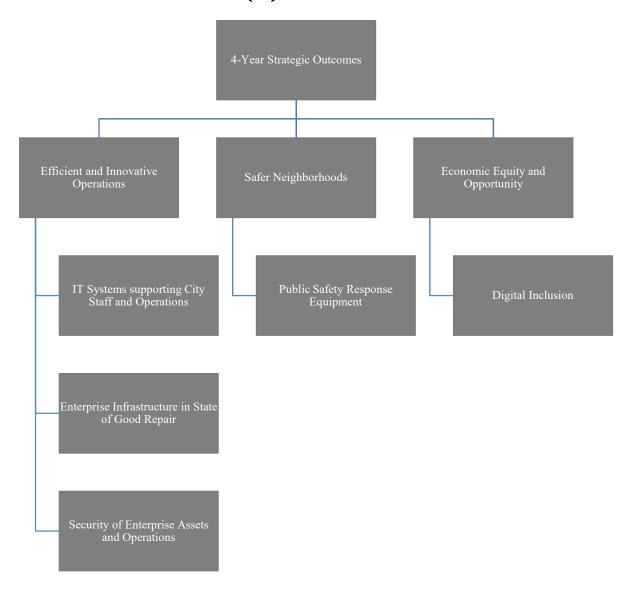
DoIT is a central staff agency responsible for developing and providing information technology and consulting services to City agencies that will innovate on how they deliver services and interact with citizens. The responsibilities of DoIT include: strategic technology planning, business needs solutions, information management, Cyber Security, special project management, application development and implementation, system/application maintenance and support, telecommunications, data center operations, technology acquisition, data security and other services to empower agencies to use technology to improve operations and the quality of services provided. DoIT is organized under the Chief Information Officer, as follows:

- Office of Innovation and Emerging Technology provides research and analysis and development services.
- Office of Enterprise Technology Operations includes Data, Server and Network Management, Client Services Division, and Enterprise Applications Management.
- Office of Departmental Technology Services is responsible for records management, GIS services, and support for government and department operations and independent customer agency support.
- Office of Public Safety and Cyber Security includes applications, infrastructure, and radio and field technicians.
- Project Management Office handles special projects.

STRATEGIC PRIORITIES:

- Improve citizens' experience with and access to information.
- Add content and continue to publish existing data to the Open Data Portal to demonstrate value to all Detroiters.
- Improve information security, cyber hygiene, management and sharing across City departments and divisions.
- Improve service delivery and customer service between DoIT and City departments.
- Utilize research and public private partnerships to develop a comprehensive digital inclusion strategy to help bridge Detroit's digital.

DEPARTMENT OF INNOVATION & TECHNOLOGY (31)



Department Name: Department of Innovation & Technology

Department #: 31

Budget Summary:

	FY2020 FY2021 FY2022			022		
	Actual		Adopted Mayor			yor
	General Fund	All Funds	General Fund All Funds		General Fund	All Funds
Total Revenues	5,354	193,994	-	-	-	-
Total Expenditures	19,439,647	28,626,695	22,744,012	22,744,012	22,607,795	22,607,795
Net Tax Cost	19,434,293	28,432,701	22,744,012	22,744,012	22,607,795	22,607,795

	FY2	023	FY20	24	FY2025		
	Forecast		Forec	ast	Fore	cast	
	General Fund	All Funds	General Fund All Funds		General Fund	All Funds	
Total Revenues	-	-	-	1	1	-	
Total Expenditures	21,916,467	21,916,467	22,162,390	22,162,390	22,413,236	22,413,236	
Net Tax Cost	21,916,467	21,916,467	22,162,390	22,162,390	22,413,236	22,413,236	

Positions (by FTE):	1/1/2021 Actual	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
General Fund	121	144	147	147	147	147
Non-General Fund	-	-	-	-	-	-
Total Positions	121	144	147	147	147	147

EXPENDITURES BY SUMMARY CATEGORY - ALL FUNDS

DEPARTMENT 31 - DEPARTMENT OF INNOVATION & TECHNOLOGY

Department # - Department Name Summary Category	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
31 - Department of Innovation & Technology	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236
Salaries & Wages	10,254,743	10,849,623	10,367,416	10,613,339	10,864,185
Employee Benefits	4,221,160	4,120,215	4,120,215	4,120,215	4,120,215
Professional & Contractual Services	3,150,006	3,411,806	3,411,806	3,411,806	3,411,806
Operating Supplies	3,955,263	2,899,653	2,899,653	2,899,653	2,899,653
Operating Services	807,840	1,251,498	1,042,377	1,042,377	1,042,377
Other Expenses	355,000	75,000	75,000	75,000	75,000
Grand Total	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236

EXPENDITURES BY SUMMARY CATEGORY - FUND DETAIL DEPARTMENT 31 - DEPARTMENT OF INNOVATION & TECHNOLOGY

Department # - Department Name Fund # - Fund Name Summary Category	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
31 - Department of Innovation & Technology	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236
1000 - General Fund	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236
Salaries & Wages	10,254,743	10,849,623	10,367,416	10,613,339	10,864,185
Employee Benefits	4,221,160	4,120,215	4,120,215	4,120,215	4,120,215
Professional & Contractual Services	3,150,006	3,411,806	3,411,806	3,411,806	3,411,806
Operating Supplies	3,955,263	2,899,653	2,899,653	2,899,653	2,899,653
Operating Services	807,840	1,251,498	1,042,377	1,042,377	1,042,377
Other Expenses	355,000	75,000	75,000	75,000	75,000
Grand Total	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236

FINANCIAL DETAIL BY DEPARTMENT, FUND, APPROPRIATION, & COST CENTER - EXPENDITURES DEPARTMENT 31 - DEPARTMENT OF INNOVATION & TECHNOLOGY

Department # - Department Name Fund # - Fund Name Appropriation # - Appropriation Name Cost Center # - Cost Center Name	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
31 - Department of Innovation & Technology	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236
1000 - General Fund	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236
25310 - Safer Neighborhoods - DolT	4,498,382	4,827,268	4,671,773	4,751,076	4,831,965
310220 - Public Safety	4,498,382	4,827,268	4,671,773	4,751,076	4,831,965
29310 - Efficient and Innovative Operations Support - DolT	18,245,630	17,780,527	17,244,694	17,411,314	17,581,271
310010 - Office of the CIO	852,004	817,643	802,092	810,023	818,113
310020 - Departmental Technical Services	2,695,827	2,487,871	2,270,657	2,274,784	2,278,994
310050 - DoIT Transportation & Public Works	560,492	614,373	594,583	604,676	614,971
310060 - DoIT Neighborhood, Community, & Econ Dev	1,266,977	1,248,439	1,208,224	1,228,733	1,249,653
310070 - DoIT Government Operations	808,113	929,459	899,520	914,789	930,364
310080 - DoIT Legislative & Individual Agency Operations	458,731	537,675	520,356	529,189	538,199
310090 - DoIT Client Services	1,116,350	961,616	931,381	946,800	962,528
310100 - DoIT Auxiliary Services	307,560	247,799	240,744	244,342	248,012
310110 - Data Strategy & Analytics	676,319	690,842	668,589	679,938	691,514
310120 - DoIT Program Management	688,278	698,711	676,204	687,682	699,390
310130 - Enterprise Technology Operations	634,652	695,180	673,335	684,476	695,840
310140 - Data & Server Management	719,170	744,566	721,194	733,114	745,272
310150 - Network Services	1,741,400	1,688,810	1,676,887	1,682,967	1,689,169
310170 - Enterprise Applications Support	4,127,601	4,105,932	4,079,471	4,092,966	4,106,731
310180 - Geospatial Information Systems	527,665	373,381	361,514	367,566	373,739
310190 - Web Administration	749,011	644,750	626,463	635,789	645,302
310200 - Enterprise Information Management	315,480	293,480	293,480	293,480	293,480
Grand Total	22,744,012	22,607,795	21,916,467	22,162,390	22,413,236

Department # - Department Name Fund # - Fund Name Appropriation # - Appropriation Name Cost Center # - Cost Center Name Job Code - Job Title	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
31 - Department of Innovation & Technology	144	147	147	147	147
1000 - General Fund	144	147	147	147	147
25310 - Safer Neighborhoods - DoIT	45	47	47	47	47
310220 - Public Safety	45	47	47	47	47
112124 - Information Technology Specialist Systems Analyst	0	1	1	1	1
11302103 - Director, Public Safety and Cyber Security	1	1	1	1	1
15112102 - Sys Analyst II (Info Tech Spc II)	1	0	0	0	0
15112233 - Information Technology Specialist Information S€	3	3	3	3	3
15113304 - Information Technology Specialist Software Engi	0	2	2	2	2
15113304 - Software Eng IV (Info Tech Spec IV)	2	0	0	0	0
15114104 - Database Admin IV (Info Tech Spec IV)	1	0	0	0	0
15114104 - Information Technology Specialist Database Adm	0	1	1	1	1
15114202 - Information Technology Specialist Systems Admii	0	3	3	3	3
15114202 - Systems Admin II (Info Tech Spec II)	3	0	0	0	0
15114203 - Information Technology Specialist Systems Admi	0	2	2	2	2
15114203 - Systems Admin III (Info Tech Spec III)	2	0	0	0	0
15114204 - Information Technology Specialist Systems Admi	0	1	1	1	1
15114204 - Systems Admin IV (Info Tech Spec IV)	1	0	0	0	0
15114214 - Supervisory Information Technology Specialist Sy	0	4	4	4	4
15114214 - Supv Info Tech Spec IV (Sys Admin IV)	3	0	0	0	0
15114302 - Information Technology Specialist Net Enterprise	0	1	1	1	1
15114302 - Ntwk/Entrp Eng II (Info Tech Spec II)	1	0	0	0	0
15114304 - Information Technology Specialist Net Enterprise	0	1	1	1	1

nd # - Fund Name Appropriation # - Appropriation Name Cost Center # - Cost Center Name Job Code - Job Title	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
15114304 - Ntwk/Entrp Eng IV (Info Tech Spec IV)	1	0	0	0	0
15114314 - Supervisory Information Technology Specialist Ne	0	1	1	1	1
15114314 - Supv Info Tech Spec (Ntwk/Entrp) IV	1	0	0	0	0
15115102 - Info Technology Tech II	5	6	6	6	6
15115103 - Info Technology Tech III	4	4	4	4	4
15115104 - Info Technology Tech IV	9	9	9	9	9
15115112 - Supv Info Technology Tech II	2	2	2	2	2
15115122 - Info Technology Tech Mgr II	2	2	2	2	2
15119104 - Information Technology Specialist IV	1	1	1	1	1
15119133 - Information Technology Specialist Gis Analyst III	1	1	1	1	1
43601102 - Administrative Assistant II	1	1	1	1	1
29310 - Efficient and Innovative Operations Support - DoIT	99	100	100	100	100
310010 - Office of the CIO	3	4	4	4	4
010143 - Program Management Director	1	0	0	0	0
013376 - Executive Administrative Assistant II	1	1	1	1	1
112124 - Information Technology Specialist Systems Analyst	1	2	2	2	2
931640 - Chief Information Officer	0	1	1	1	1
310020 - Departmental Technical Services	2	2	2	2	2
11302102 - Director, Innovation and Emerging Technology	1	1	1	1	1
43601102 - Administrative Assistant II	1	0	0	0	0
43601105 - Administrative Assistant II	0	1	1	1	1
310050 - DoIT Transportation & Public Works	6	6	6	6	6
15112102 - Information Technology Specialist Systems Analy	0	2	2	2	2

rtment # - Department Name					
und # - Fund Name Appropriation # - Appropriation Name	FY2021	FY2022	FY2023	FY2024	FY2025
Cost Center # - Cost Center Name	Adopted	Mayor	Forecast	Forecast	Forecast
Job Code - Job Title					
15112102 - Sys Analyst II (Info Tech Spc II)	2	0	0	0	0
15115103 - Info Technology Tech III	2	2	2	2	2
15115224 - Dept Tech Svcs Mgr	1	1	1	1	1
15119003 - Information Technology Specialist Systems Engin	0	1	1	1	1
15119003 - Sys Eng III (Info Tech Spc III)	1	0	0	0	0
310060 - DoIT Neighborhood, Community, & Econ Dev	13	13	13	13	13
15112102 - Information Technology Specialist Systems Analy	0	1	1	1	1
15112102 - Sys Analyst II (Info Tech Spc II)	1	0	0	0	0
15115102 - Info Technology Tech II	1	1	1	1	1
15115103 - Info Technology Tech III	4	4	4	4	4
15115224 - Dept Tech Svcs Mgr	2	2	2	2	2
15119003 - Information Technology Specialist Systems Engin	0	2	2	2	2
15119003 - Sys Eng III (Info Tech Spc III)	2	0	0	0	0
15119112 - Information Technology Specialist Gis Analyst II	2	2	2	2	2
15119133 - Information Technology Specialist Gis Analyst III	1	1	1	1	1
310070 - DolT Government Operations	9	9	9	9	9
15112102 - Information Technology Specialist Systems Analy	0	2	2	2	2
15112102 - Sys Analyst II (Info Tech Spc II)	2	0	0	0	0
15115102 - Info Technology Tech II	3	3	3	3	3
15115103 - Info Technology Tech III	1	1	1	1	1
15115224 - Dept Tech Svcs Mgr	2	2	2	2	2
15119003 - Information Technology Specialist Systems Engin	0	1	1	1	1
15119003 - Sys Eng III (Info Tech Spc III)	1	0	0	0	0
310080 - DoIT Legislative & Individual Agency Operations	5	5	5	5	5

Department # - Department Name Fund # - Fund Name	EV2024	F.V.2.2.2	EV2222	EV2004	5V2-22-5
Appropriation # - Appropriation Name	FY2021	FY2022	FY2023	FY2024	FY2025
Cost Center # - Cost Center Name	Adopted	Mayor	Forecast	Forecast	Forecast
Job Code - Job Title					
15112102 - Information Technology Specialist Systems Analy	0	1	1	1	1
15112102 - Sys Analyst II (Info Tech Spc II)	1	0	0	0	0
15115102 - Info Technology Tech II	1	1	1	1	1
15115103 - Info Technology Tech III	1	1	1	1	1
15115224 - Dept Tech Svcs Mgr	1	1	1	1	1
15119003 - Information Technology Specialist Systems Engin	0	1	1	1	1
15119003 - Sys Eng III (Info Tech Spc III)	1	0	0	0	0
310090 - DoIT Client Services	13	13	13	13	13
025031 - Senior Data Processing Equipment Operator	2	2	2	2	2
15113333 - Information Technology Specialist Software Engir	0	1	1	1	1
15115102 - Info Technology Tech II	3	3	3	3	3
15115103 - Info Technology Tech III	4	4	4	4	4
15115104 - Info Technology Tech IV	2	2	2	2	2
15115112 - Supv Info Technology Tech II	1	0	0	0	0
15115122 - Info Technology Tech Mgr II	1	1	1	1	1
310100 - DoIT Auxiliary Services	3	3	3	3	3
13111604 - Program Analyst IV (Records and Compliance Spε	1	0	0	0	0
13111604 - Program Analyst IV Records and Compliance Spec	0	1	1	1	1
13111628 - Sprv Records Mgmt Specialist (Prog. Analyst) IV	1	0	0	0	0
13111628 - Supervisory Records Management Specialist Prog	0	1	1	1	1
15111603 - Program Analyst III Records And Compliance Spe	1	1	1	1	1
310110 - Data Strategy & Analytics	6	6	6	6	6
11302104 - Director, Enterprise Technology Operations	1	1	1	1	1

Pepartment # - Department Name					
Fund # - Fund Name Appropriation # - Appropriation Name Cost Center # - Cost Center Name	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
Job Code - Job Title					
15111433 - Information Technology Specialist Data Engineer	0	1	1	1	1
15111443 - Information Technology Specialist Data Librarian	0	1	1	1	1
15111463 - Information Technology Specialist Data Visualizat	0	1	1	1	1
15113403 - Back-End - Web Developer III	1	0	0	0	0
15113404 - Back-End - Web Developer IV	1	0	0	0	0
15119003 - Sys Eng III (Info Tech Spc III)	1	0	0	0	0
15119104 - Information Technology Specialist IV	1	1	1	1	1
43601103 - Administrative Assistant III	1	1	1	1	1
310120 - DolT Program Management	5	5	5	5	5
11302106 - Program Management Officer	1	1	1	1	1
13111104 - Program Analyst IV	1	1	1	1	1
15111004 - Project Manager Analytics Specialist IV	3	3	3	3	3
310130 - Enterprise Technology Operations	4	4	4	4	4
11302101 - Chief Information Officer	0	1	1	1	1
11302102 - Director, Innovation and Emerging Technology	1	0	0	0	0
13114324 - Information Technology Specialist NetworkEnter	1	2	2	2	2
15114324 - IT Specialist (Network/Enterprise Engineer) Man	1	0	0	0	0
43601104 - Administrative Assistant IV	1	1	1	1	1
310140 - Data & Server Management	7	7	7	7	7
15114102 - Database Admin II (Info Tech Spec II)	2	0	0	0	0
15114102 - Information Technology Specialist Database Adm	0	2	2	2	2
15114103 - Database Admin III (Info Tech Spec III)	1	0	0	0	0
15114103 - Information Technology Specialist Database Adm	0	1	1	1	1
15114203 - Information Technology Specialist Systems Admii	0	3	3	3	3

Department # - Department Name					
Fund # - Fund Name	FY2021	FY2022	FY2023	FY2024	FY2025
Appropriation # - Appropriation Name	Adopted	Mayor	Forecast	Forecast	Forecast
Cost Center # - Cost Center Name Job Code - Job Title					
15114203 - Systems Admin III (Info Tech Spec III)	3	0	0	0	0
15114214 - Supervisory Information Technology Specialist Sy	0	1	1	1	1
15114214 - Supv Info Tech Spec IV (Sys Admin IV)	1	0	0	0	0
310150 - Network Services	4	4	4	4	4
15113302 - Software Eng II (Info Tech Spec II)	1	0	0	0	0
15114302 - Information Technology Specialist Net Enterprise	0	2	2	2	2
15114302 - Ntwk/Entrp Eng II (Info Tech Spec II)	1	0	0	0	0
15114304 - Information Technology Specialist Net Enterprise	0	1	1	1	1
15114304 - Ntwk/Entrp Eng IV (Info Tech Spec IV)	1	0	0	0	0
15114333 - Information Technology Specialist NetworkEnter	1	1	1	1	1
310170 - Enterprise Applications Support	8	8	8	8	8
15113302 - Information Technology Specialist Software Engi	0	4	4	4	4
15113302 - Software Eng II (Info Tech Spec II)	4	0	0	0	0
15113304 - Information Technology Specialist Software Engir	0	2	2	2	2
15113304 - Software Eng IV (Info Tech Spec IV)	2	0	0	0	0
15113314 - Supervisory Information Technology Specialist Sc	0	1	1	1	1
15113314 - Supv Info Tech Spec (Software Eng) IV	1	0	0	0	0
15113333 - Information Technology Specialist Software Engir	1	1	1	1	1
310180 - Geospatial Information Systems	6	6	6	6	6
119114 - Supervisory Information Technology Specialist Gis A	1	1	1	1	1
15115102 - Info Technology Tech II	3	3	3	3	3
15119133 - Information Technology Specialist Gis Analyst III	2	2	2	2	2
310190 - Web Administration	5	5	5	5	5

Department # - Department Name Fund # - Fund Name Appropriation # - Appropriation Name Cost Center # - Cost Center Name Job Code - Job Title	FY2021 Adopted	FY2022 Mayor	FY2023 Forecast	FY2024 Forecast	FY2025 Forecast
15113403 - Back-End - Web Developer III	3	3	3	3	3
15113404 - Back-End - Web Developer IV	1	1	1	1	1
15113414 - Supervisory Web Developer IV	1	1	1	1	1
Grand Total	144	147	147	147	147