**Rpubs Link:** [**https://rpubs.com/sleepyalea/1067943**](https://rpubs.com/sleepyalea/1067943) **with code, tables, graphs, etc.**

# Potential areas for discussion and further research:

* Revenues:
  + Drop in income taxes
  + All Other sources – which specific things increased?
  + Increase in corporate income taxes
  + Large drop in Federal “Other” funds (makes sense, COVID/ARPA/CURE money)
  + ESSER & K-12 Spending
  + Local Transfers
    - PPRT?
* Expenditures
  + Large Increase in Medicaid (why?)
  + Decreases in public safety and public health were expected. Had bumps in spending due to COVID
  + Transportation & Capital Improvement had increases.
    - Capital Improvement had large percentage increase. Probably from what they were supposed to spend last year but didn’t spend. Referenced in last paper.

### K-12 Education

exp\_temp %>% filter(fy >2018 & (fund\_name == "STATE CURE" | fund\_name == "LOCAL CURE" | fund\_name == "SBE FEDERAL DEPT OF EDUCATION" | fund\_name == "DISASTER RESPONSE AND RECOVERY" | fund\_name == "ESSENTIAL GOVT SERV SUPPORT" )) %>% group\_by(fy, wh\_approp\_name, fund\_name) %>%

summarize(sum=sum(expenditure),

appropriated = sum(appn\_net\_xfer)) %>%

arrange(-appropriated)

|  |
| --- |
|  |

| **fy**  <dbl> | **wh\_approp\_name**  <chr> | **fund\_name**  <chr> | **sum**  <dbl> |  |
| --- | --- | --- | --- | --- |
| 2022 | AMER RESCUE PLAN EMER RELIEF | SBE FEDERAL DEPT OF EDUCATION | 6.452595e+08 |  |
| 2023 | AMER RESCUE PLAN EMER RELIEF | SBE FEDERAL DEPT OF EDUCATION | 1.694198e+09 |  |
| 2021 | ELEM & SECNDRY EMER RLF FND II | SBE FEDERAL DEPT OF EDUCATION | 5.835624e+08 |  |
| 2022 | CRRSA SCHOOL EMER RELIEF | SBE FEDERAL DEPT OF EDUCATION | 9.918499e+08 |  |
| 2021 | CORONAVIRUS RELIEF | STATE CURE | 1.321719e+08 |  |
| 2023 | TITLE I | SBE FEDERAL DEPT OF EDUCATION | 6.608524e+08 |  |
| 2023 | CRRSA SCHOOL EMER RELIEF | SBE FEDERAL DEPT OF EDUCATION | 4.194954e+08 |  |
| 2022 | TITLE I | SBE FEDERAL DEPT OF EDUCATION | 5.680507e+08 |  |
| 2019 | TITLE I | SBE FEDERAL DEPT OF EDUCATION | 6.386931e+08 |  |
| 2020 | TITLE I | SBE FEDERAL DEPT OF EDUCATION | 6.598066e+08 |  |

| **fund** | **fund\_name** | **In FF?** | **Expenditure** |  |
| --- | --- | --- | --- | --- |
| 0083 | VIOLENT CRIME WITNESS PROTECTN |  | **132365.5** |  |
| 0099 | HATE CRIMES & BIAS INCIDENT |  | **0.0** |  |
| 0156 | VEH HIJ&MTR VEH THFT PRV & INS |  | **20575750.0** |  |
| 0165 | RONALD MCDONALD HOUSE CHARITY |  | **0.0** |  |
| 0180 | FOLDS OF HONOR FOUNDATION |  | **0.0** |  |
| 0221 | GENERAL ASSEMBLY TECHNOLOGY |  | **852273.1** |  |
| 0250 | WATER & SEWER LOW INC. ASSIST. |  | **0.0** |  |
| 0264 | DJJ REIMBURSEMENT & EDUCATION |  | **0.0** |  |
| 0300 | FIRST RESPONDER HEALTH GRANT |  | **0.0** |  |
| 0311 | IL PRODUCTION WORKFORCE DEV |  | **0.0** |  |
| 0385 | BHE STATE CONTRACTS & GRANTS |  | **2452888.7** |  |
| 0403 | ILL BROADBAND ADOPTION |  | **0.0** |  |
| 0426 | COAL TO SOLAR & ENERGY STORAGE |  | **0.0** |  |
| 0442 | PUBLIC DEFENDER |  | **0.0** |  |
| 0448 | MEDICAID TECH. ASSISTANCE CTR. |  | **0.0** |  |
| 0610 | PEDIATRIC CANCER AWARENESS |  | **0.0** |  |
| 0645 | LAW ENFORCEMENT RECRUITMENT |  | **3471526.1** |  |
| 0683 | GROCERY TAX REPLACEMENT |  | **184876938.0** |  |
| 0723 | REVOCATION ENFORCEMENT |  | **499559.7** |  |
| 0727 | SERVE ILLINOIS COMMISSION |  | **6286522.2** |  |
| 0729 | STATEWIDE 9-8-8 TRUST |  | **0.0** |  |
| 0734 | OPIOID REMEDIATION STATE TRUST |  | **3610977.6** |  |
| 0742 | ST. POLICE TRAINING & ACADEMY |  | **383673.9** |  |
| 0743 | LAW ENFORCEMENT TRAINING |  | **9726285.9** |  |
| 0791 | OFF-HOURS CHILD CARE PROGRAM |  | **0.0** |  |
| 0820 | EPA ENERGY PROJECTS |  | **0.0** |  |

| **source** | **source\_name** | **Receipts** | **Rev Type name** | **Rev Type** | |
| --- | --- | --- | --- | --- | --- |
| 2704 | UN PROTECTION FORCE LIC PLATE | 64.00 |  |  | |
| 2743 | MEMBERSHIP PROGRAM | 58378.50 |  |  | |
| 2744 | TICKETING SYSTEM DONATIONS | 7663.01 |  |  | |
| 2751 | IWBF REIMBURSEMENTS | 73663.43 |  |  | |
| 2752 | INSOLVENT SELF INS SEC DEP | 2749.32 |  |  | |
| 2758 | US ECONOMIC DEVELOPMENT ADMIN | 11784452.55 |  |  | |
| 2759 | TENNESSEE VALLEY AUTHORITY | 367448.90 |  |  | |
| 2760 | ADMINISTRATIVE REIMBURSEMENT | 51181.50 |  |  | |
| 2761 | OPIOID SETTLEMENT | 88475171.74 |  |  | |
| 2763 | STATE & LOCAL GOV SECURITIES | 5.56 |  |  | |
| 2764 | DRUG MANUFACTURER REG FEES | 685000.00 |  |  | |
| 2765 | BEP PROGRAM SETTLEMENT | 300000.00 |  |  | |
| 2767 | BLCKRCK ENV AWR/MISCHLER PRIME | 431899.19 |  |  | |
| 2768 | FRAMEWORK PROJECT-IDVA | 6313.00 |  |  | |
| 2769 | FED MONIES VIA IDVA | 65158396.60 |  |  |

|  |
| --- |
|  |
| **agency** | **agency\_name** | **Receipts** |  |  |
| 280 | COURTS COMMISSION | 624 |  |  |
| 533 | COMM ON EQUITY & INCLUSION | 300000 |  |  |

**New Expenditure Funds**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Fund** | **Fund Name** | **In FF?** | **Expenditures** |  |
| 0180 | FOLDS OF HONOR FOUNDATION | 0 | 0.0 |  |
| 0221 | GENERAL ASSEMBLY TECHNOLOGY | 1 | 748,702 |  |
| 0385 | BHE STATE CONTRACTS & GRANTS | 1 | 608,974 |  |
| 0426 | COAL TO SOLAR & ENERGY STORAGE | 0 | 0.0 |  |
| 0442 | PUBLIC DEFENDER | 0 | 0.0 |  |

**New organizations:**

| **appr\_org** | **org\_name** | **Expenditure** |  |  | |
| --- | --- | --- | --- | --- | --- |
| 27 | VETERANS' HOME AT CHICAGO | 0 |  |  | |
| 33 | IYC-LINCOLN | 0 |  |  | |
| 84 | EARLY CHILDHOOD | 1,810,998,820 |  |  |

# Tables and Graphs using Final FY2023 IOC data

| Yearly Change in Expenditures | | | | |
| --- | --- | --- | --- | --- |
| Expenditure Category | FY 2023 ($ Billions) | FY 2022 ($ Billions) | 1-Year Change | 25-Year CAGR |
| Medicaid | 32.4 | 28.7 | 13.1% | 7.4% |
| K-12 Education | 14.7 | 13.4 | 9.9% | 4.3% |
| Local Govt Revenue Sharing | 10.9 | 10.3 | 5.4% | 4.7% |
| Human Services | 8.8 | 7.3 | 21.3% | 3.3% |
| State Pension Contribution | 6.8 | 6.5 | 5.1% | 10.5% |
| Transportation | 5.0 | 4.3 | 16.3% | 3.8% |
| State Employee Healthcare | 3.0 | 3.0 | -0.1% | 5.8% |
| Debt Service | 2.0 | 2.0 | -2.9% | 5.7% |
| Tollway | 1.9 | 2.1 | -9.9% | 6.8% |
| Public Safety | 1.7 | 1.7 | 1.2% | 5.7% |
| Community Development | 1.5 | 1.4 | 7.7% | 4.8% |
| Central Management | 1.4 | 1.2 | 17.7% | 4.8% |
| Capital Improvement | 0.7 | 0.4 | 52.6% | 3.8% |
| All Other Expenditures \*\* | 19.8 | 17.5 | 13.1% | 3.9% |
| **Total Expenditures** | **110.6** | **99.8** | **10.8%** | **5.2%** |

| Yearly Change in Revenue for Main Revenue Sources | | | | |
| --- | --- | --- | --- | --- |
| Revenue Category | FY 2023 ($ billions) | FY 2022 ($ billions) | 1-Year Change | 25-Year Change |
| Income Tax | 22.1 | 23.8 | -7.3% | 5.1% |
| Federal Medicaid Reimbursements | 20.2 | 19.0 | 6.1% | 7.5% |
| Sales Tax | 16.2 | 15.4 | 4.8% | 3.3% |
| All Other Sources \*\* | 15.2 | 13.3 | 14.4% | 4.3% |
| Corporate Income Tax | 10.1 | 9.7 | 4.3% | 7.6% |
| Medical Provider Assessments | 4.1 | 3.7 | 9.5% | 8.4% |
| Receipts from Revenue Producing | 2.6 | 2.4 | 8.5% | 5.2% |
| Motor Fuel Taxes | 2.5 | 2.5 | 1.5% | 2.7% |
| Federal Transportation | 2.1 | 1.8 | 15.3% | 3.8% |
| Licenses, Fees, Registration | 2.1 | 1.9 | 9.3% | 7.9% |
| Federal Other | 10.9 | 19.4 | -43.9% | 4.3% |
| **Total Revenue** | **108.1** | **113.0** | **-4.4%** | **5.1%** |

A graph of a growing graph

Description automatically generated with medium confidence

A graph showing the number of government companies

Description automatically generated

A graph showing the federal to state transfers

Description automatically generated

# A line graph with numbers Description automatically generatedA graph showing the amount of money in the package Description automatically generated

A screenshot of a computer

Description automatically generated

## New & Reused Expenditure Funds

| **fund** | **fund\_name** | **In FF?** | **Expenditure** |  |
| --- | --- | --- | --- | --- |
| 0083 | VIOLENT CRIME WITNESS PROTECTN |  | **132365.5** |  |
| 0099 | HATE CRIMES & BIAS INCIDENT |  | **0.0** |  |
| 0156 | VEH HIJ&MTR VEH THFT PRV & INS |  | **20575750.0** |  |
| 0165 | RONALD MCDONALD HOUSE CHARITY |  | **0.0** |  |
| 0180 | FOLDS OF HONOR FOUNDATION |  | **0.0** |  |
| 0221 | GENERAL ASSEMBLY TECHNOLOGY |  | **852273.1** |  |
| 0250 | WATER & SEWER LOW INC. ASSIST. |  | **0.0** |  |
| 0264 | DJJ REIMBURSEMENT & EDUCATION |  | **0.0** |  |
| 0300 | FIRST RESPONDER HEALTH GRANT |  | **0.0** |  |
| 0311 | IL PRODUCTION WORKFORCE DEV |  | **0.0** |  |
| 0385 | BHE STATE CONTRACTS & GRANTS |  | **2452888.7** |  |
| 0403 | ILL BROADBAND ADOPTION |  | **0.0** |  |
| 0426 | COAL TO SOLAR & ENERGY STORAGE |  | **0.0** |  |
| 0442 | PUBLIC DEFENDER |  | **0.0** |  |
| 0448 | MEDICAID TECH. ASSISTANCE CTR. |  | **0.0** |  |
| 0610 | PEDIATRIC CANCER AWARENESS |  | **0.0** |  |
| 0645 | LAW ENFORCEMENT RECRUITMENT |  | **3471526.1** |  |
| 0683 | GROCERY TAX REPLACEMENT |  | **184876938.0** |  |
| 0723 | REVOCATION ENFORCEMENT |  | **499559.7** |  |
| 0727 | SERVE ILLINOIS COMMISSION |  | **6286522.2** |  |
| 0729 | STATEWIDE 9-8-8 TRUST |  | **0.0** |  |
| 0734 | OPIOID REMEDIATION STATE TRUST |  | **3610977.6** |  |
| 0742 | ST. POLICE TRAINING & ACADEMY |  | **383673.9** |  |
| 0743 | LAW ENFORCEMENT TRAINING |  | **9726285.9** |  |
| 0791 | OFF-HOURS CHILD CARE PROGRAM |  | **0.0** |  |
| 0820 | EPA ENERGY PROJECTS |  | **0.0** |  |

## New & Reused Revenue Funds

| **source** | **source\_name** | **Receipts** | **Rev Type name** | **Rev Type** | |
| --- | --- | --- | --- | --- | --- |
| 2704 | UN PROTECTION FORCE LIC PLATE | 64.00 |  |  | |
| 2743 | MEMBERSHIP PROGRAM | 58378.50 |  |  | |
| 2744 | TICKETING SYSTEM DONATIONS | 7663.01 |  |  | |
| 2751 | IWBF REIMBURSEMENTS | 73663.43 |  |  | |
| 2752 | INSOLVENT SELF INS SEC DEP | 2749.32 |  |  | |
| 2758 | US ECONOMIC DEVELOPMENT ADMIN | 11784452.55 |  |  | |
| 2759 | TENNESSEE VALLEY AUTHORITY | 367448.90 |  |  | |
| 2760 | ADMINISTRATIVE REIMBURSEMENT | 51181.50 |  |  | |
| 2761 | OPIOID SETTLEMENT | 88475171.74 |  |  | |
| 2763 | STATE & LOCAL GOV SECURITIES | 5.56 |  |  | |
| 2764 | DRUG MANUFACTURER REG FEES | 685000.00 |  |  | |
| 2765 | BEP PROGRAM SETTLEMENT | 300000.00 |  |  | |
| 2767 | BLCKRCK ENV AWR/MISCHLER PRIME | 431899.19 |  |  | |
| 2768 | FRAMEWORK PROJECT-IDVA | 6313.00 |  |  | |
| 2769 | FED MONIES VIA IDVA | 65158396.60 |  |  |

|  |
| --- |
|  |
| **agency** | **agency\_name** | **Receipts** |  |  |
| 280 | COURTS COMMISSION | 624 |  |  |
| 533 | COMM ON EQUITY & INCLUSION | 300000 |  |  |

**New Expenditure Funds**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Fund** | **Fund Name** | **In FF?** | **Expenditures** |  |
| 0180 | FOLDS OF HONOR FOUNDATION | 0 | 0.0 |  |
| 0221 | GENERAL ASSEMBLY TECHNOLOGY | 1 | 748,702 |  |
| 0385 | BHE STATE CONTRACTS & GRANTS | 1 | 608,974 |  |
| 0426 | COAL TO SOLAR & ENERGY STORAGE | 0 | 0.0 |  |
| 0442 | PUBLIC DEFENDER | 0 | 0.0 |  |

**New organizations:**

| **appr\_org** | **org\_name** | **Expenditure** |  |  | |
| --- | --- | --- | --- | --- | --- |
| 27 | VETERANS' HOME AT CHICAGO | 0 |  |  | |
| 33 | IYC-LINCOLN | 0 |  |  | |
| 84 | EARLY CHILDHOOD | 1,810,998,820 |  |  |

# **OLD** Graphs and Tables from August - used preliminary IOC data

**A screenshot of a computer

Description automatically generated**

**A graph showing the growth of the company's revenue

Description automatically generated**A graph showing the income tax

Description automatically generated with medium confidence

A graph showing the amount of tax in the year

Description automatically generatedA graph of a number of individuals

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated