

# Government Relations District Data Sheets (a.k.a. Impact Sheets)

## Data Definitions & Notes 2021

**NOTES:** a. **IMPORTANT:** *These Data Sheets are NOT to be used as a source of official UM data. Official UM data (i.e., data reported to NCES (IPEDS) or MDHEWD (EMSAS) for federal and Missouri state compliance purposes) conform to definitions that can be more restrictive than data definitions used for these Data Sheets. For example, annual enrollment totals reported on these Data Sheets include students enrolled as “exclusive auditors”, whereas annual enrollment totals reported to IPEDS do not.*

*As another example, employee totals reported on these Data Sheets include anyone who received a paycheck through UM Payroll at any time November 1 through October 31, whereas employees reported to IPEDS include only UM employees employed on November 1, and some employees (e.g., “occasional workers”) are excluded from IPEDS reporting.*

*For official UM statistics, please refer to the **UM IR Executive Data Reference** (<https://www.umsystem.edu/ums/institutional-effectiveness/ir/irp-reference>).*

- b. *Statistics reported on Page 1 (“UM System Footprint in the state/county/district”) of a Data Sheet are district-specific. Statistics reported on Page 2 (“UM System Statewide Footprint”) pertain to the entire state, generally.*
- c. *District-specific statistics are computed using district data, in general. However, some district-specific statistics (e.g., the number of contacts with MU extension, reported on Page 1, in the “District Services provided” section) are computed using data drawn from MO counties associated with the district.*
- d. *Every Data Sheet section (e.g., “Students”, “Employees and retirees”, “Properties and offices”, etc.) appears on every Data Sheet, in the same relative physical position, whether the Data Sheet is the State Data Sheet, a Missouri County Data Sheet, a Missouri Senate District Data Sheet, etc.*
- e. *An entire Data Sheet section (e.g., “Construction projects”, “Properties and offices”, etc.) or an individual bullet point usually will not appear on a particular Data Sheet if there are no associated data for the District.*
- f. *To preserve confidentiality, salary and tax data are not reported for Districts that have too few UM employees and retirees, and Pell grant data are not reported for Districts that have too few UM students.*

### UM System Footprint in the State (Page 1)

#### 1. **Students** (appears on Page 1, left column)

SOURCE: UM Office of Institutional Research, using Student End-of-Term data and Student Financial Aid Census data from the UM Data Warehouse (UMDW), and student addresses from PeopleSoft Student.

Beginning with the January 2020 edition of the Data Sheets, reported is the *fiscal year* unduplicated headcounts of UM students “from” this Missouri district, broken out by student level, and by full-time/part-time status. Reported also is the number of Pell Grant recipients. Counts reported are totals from all four UM universities. (Previous editions of the Data Sheets reported *Fall Census* enrollments.)

**Note:** Permanent Home Address (PHA) is used here—with the following exception: If a student is enrolled in MU or S&T, and his/her PHA is in Columbia MO or Rolla MO, respectively, then High School Address is used, instead.

**2. Employees and Retirees** (appears on Page 1, left column)

SOURCE: UM Division of Information Technology (DoIT) Enterprise Applications Services (EAS), using data from payroll tables in PeopleSoft Finance.

- a. **People employed by UM** is the number of individuals residing in this Missouri District, who received pay from UM through UM Payroll at any time from Nov 1, 2019 through October 31, 2020. Counts are broken out by UM university, UM Health Care, and UM System.
- b. **UM retirees and beneficiaries** is the number of living UM retirees and/or beneficiaries residing in this Missouri District.
- c. **UM salary and retirement income** is the total UM salary and retirement income corresponding to (a) and (b).
- d. **UM state tax revenue** is the corresponding total UM state payroll taxes withheld.
- e. **UM federal tax revenue** is the corresponding total UM federal payroll taxes withheld.

Note: Included here are only those UM employees who have a Missouri address as their Permanent Home Address. However, if PHA cannot be geocoded, and Payroll Check Address is in Missouri and *can* be geocoded, then Payroll Check Address is used for geolocating the employees in their districts.

**3. Alumni** (appears on Page 1, left column)

a. **Selected School Alumni i**

SOURCES: Alumni Development Offices of the four UM universities.

Reported is the total no. of *degrees* [sic] in select disciplines, that have been awarded to MU, UMKC, Missouri S&T, and UMSL Alumni now residing in this Missouri District. This is a *degree* count (rather than an *headcount*).

Note: Permanent Home Address (PHA) is used, in general. However, if PHA is either missing or not in Missouri, and Employer/Business Address is in Missouri, then Employer/Business Address is used, instead.

b. **Alumni teaching K-12**

SOURCES: MU Office of Social & Economic Data Analysis (OSEDA), using the MO Department of Elementary & Secondary Education (DESE) Core Data file, and MU Extension's Center for Applied Research and Engagement Systems (CARES). CARES checks the MSDIS Education portal (<https://data-msdis.opendata.arcgis.com/search?tags=education>) to grab the most recent Unified School District Boundaries and Public Schools. The Unified School Districts are TIGER polygons built from the US Census Master Address File/Topologically Integrated Geographic Encoding and Referencing (TIGER) Database (<https://data-msdis.opendata.arcgis.com/datasets/mo-2017-tiger-unified-school-districts>). The Public School points are developed by Missouri Department of Elementary and Secondary Education (DESE) (<https://data-msdis.opendata.arcgis.com/datasets/mo-2018-public-schools>).

Reported are the total numbers of individuals who have at least one UM degree and were *active* kindergarten through 12<sup>th</sup> grade (K-12) teachers or principals/administrators, respectively, in 2020.

4. **Breakdown [by UM university]** (appears on Page 1, center column)

SOURCES: UM Office of Institutional Research, Alumni Development Offices of the four UM universities, and DoIT's Enterprise Applications Services (EAS).

- a. For each UM university, **Students** is the FY2020 unduplicated headcount of students "from" this Missouri District. See the description in "Students" section, above.
- b. For each UM university, **Alumni** is the number of living alumni residing in this Missouri District. See the description in the "Alumni" section.
- c. For each UM university, **Employees** is the total number of individuals who were employed by this university and residing in this Missouri district at any time between November 1, 2019 and October 31, 2020. See description in the "Employees and retirees" section, above.

5. **Construction projects** (appears on Page 1, center column)

SOURCE: UM Office of the Controller.

Reported is the number of individual vendors "from" this Missouri district (i.e., vendors that have a Remit Address in this Missouri district) working on a UM construction project (*regardless of whether or not these projects are physically located within this Missouri district*). Reported also are the total number of these construction projects and the total dollar amount of payments (remittances) made by UM to these vendors at these remit addresses for these construction projects.

6. **Properties and offices** (appears on Page 1, center column)

SOURCE: UM Management Services.

Listed are selected properties owned or leased by UM (including MU Extension offices, for example) located in this Missouri district.

7. **District map and population** (appears on Page 1, right column)

SOURCE: MU Extension's Center for Applied Research and Engagement Systems (CARES), using US Census Bureau and MO Census data.

The particular District is highlighted on a district map of Missouri, and the map is annotated with a district population count. The State Data Sheet is annotated, additionally, with the total number of UM students and (beginning with the 2020 edition of the Data Sheets) the total number of Pell grant recipients.

8. **Services provided** (appears on Page 1, right column)

a. **Health care**

SOURCES: UM Health Care, UMKC School of Dentistry, and UMSL Center for Eye Care.

- i. Reported is the total number of individuals from this Missouri district seen as patients by UM Health Care. Patients seen are on record as having an address in this Missouri district. Also reported is the total amount of uncompensated care associated with these patients.
- ii. Reported is the total number of individuals from this Missouri district seen as patients by the UMSL Center for Eye Care. Patients seen are on record as having addresses in this Missouri district. Also reported is the statewide per patient cost of uncompensated care. Also reported is the statewide total amount of uncompensated care, averaged among every Missouri patient.
- iii. Reported is the total number of individuals from this Missouri district seen as patients by the UMKC School of Dentistry Dental Clinics. Patients seen are on record as having addresses in

this Missouri district. Also reported is the statewide per patient cost of uncompensated care. Also reported is the statewide total amount of uncompensated care, averaged among every Missouri patient.

- iv. Reported are the total number of “visits” made to patients having zip codes associated with this district, and the associated total number of patients “visited”, recorded by UM Health Care’s Missouri Telehealth Network.

**NOTE: This is a reporting change beginning with the Jan 2021 Data Sheets.** (Previously reported was the total number of UM Health Care’s Missouri Telehealth Network sites located in this district, and the total number of patients who received services at these sites.)

**b. Extension**

SOURCE: MU Extension.

- i. Reported is the total numbers of educational “contacts” MU Extension had with residents of Missouri counties associated with this Missouri district, through its events held in these counties. Additionally, number of contacts are reported specifically for:
  - ii. activities related to productive farming, better gardening, and managing natural resources;
  - iii. activities related to healthy eating and aging, strengthening families, personal finance, or youth development; and
  - iv. activities related to starting businesses, developing community leaders, or renewing the local economy.

Beginning with the January 2021 edition of the Data Sheets, Extension data are reported by *calendar* year. (Previously, these data were reported by *fiscal* year.)

1. **Economic and Community Development Highlights** (appears on Page 2, left column)

**a. Small businesses and entrepreneurs**

SOURCE: MU Extension's Business Development Program.

Reported is the total number of jobs created in FY2019 as a result of UM's Business Development Specialists working with small businesses and entrepreneurs statewide.

**b. Return on Investment**

SOURCE: MU Extension's Business Development Program.

Reported is the ROI (dollar value returned per dollar invested) from investments made to MU Extension in FY2016 [sic]. Reported also is the resulting total dollar amount of direct and economic benefit to Missouri.

**c. External Research Expenditures**

SOURCE: UM Office of Institutional Research, using the "NSF Survey of R&D Expenditures at Universities and Colleges" reports for the four UM universities.

Reported are R&D expenditures sourced from "Federal", "Business", "Nonprofit", and "All Other" sources, per the NSF Survey for all four UM universities. (Expenditures sourced from "State and Local Governments" and "Institution Funds" are excluded.)

**d. Intellectual Property**

SOURCE: UM Office of Intellectual Property Administration.

Reported are the total number of patents issued and the total number of patent applications filed in [FY2020](#).

**e. Construction**

SOURCE: UM Office of the Controller.

Reported is the total expenditures made for UM construction projects, to vendors having a remit address located in Missouri, during fiscal year [FY2020](#) (regardless of whether or not these projects are physically located in Missouri).

**f. Telemedicine**

SOURCE: UM Health Care's Missouri Telehealth Network.

[Reported are the total number of "visits" made to patients having Missouri zip codes, and the associated total number patients "visited", recorded by UM Health Care's Missouri Telehealth Network.](#)

**NOTE: This is a reporting change beginning with the Jan 2021 Data Sheets.** (Previously reported was the total number of patient "consults" made via Missouri Telehealth Network (MTN) technologies in FY20xx, and the total number of Missouri counties where these MTN consults took place.)

2. **Education and Training Provided** (appears on Page 2, left column)

SOURCE: MU Extension

- a. Reported is the total number of Missouri police, firefighters, and medical professionals who enrolled in MU Extension's continuing education training programs.
- b. Reported is the total number of Missouri farmers and agriculture-related businesses served by MU Extension's agriculture and natural resource programs.
- c. Reported is the total number of Missouri youths served by MU Extension's 4-H clubs, schools, camps, and other programs.

3. **Education highlights** (appears on Page 2, right column)

**a. Financial Aid Awards**

SOURCES: UM Office of Institutional Research, using the DHE14-1 (Missouri Coordinating Board for Higher Education's "Student Financial Aid Awarded") reports and ~~the IPEDS E12 ("12-Month Enrollment Survey") reports for the four UM universities~~ End-of-Term tables from the UM Data Mart (UMDW).

Reported are the numbers of **FY2020** enrolled students who received student financial aid, and the associated total aid amounts, by UM university.

Reported also are the total number of UM students who were enrolled in **FY2020**, the percentage who received financial aid in **FY2020**, and the total amount of financial aid remitted.

**b. MOREnet**

SOURCE: Missouri Research and Education Network (MOREnet)

Reported are the number of Missouri higher education institutions (and their associated number of students), the number of Missouri K-12 institutions (and their associated number of students), and the number of Missouri public libraries (and the Missouri citizens served by them) that received internet connectivity, access, support, and training from MOREnet in **FY2019**.

**c. Bachelor's degrees and higher**

SOURCE: UM Office of Institutional Research, from IPEDS Data Center data.

Reported is the academic year total number of bachelor's or higher degrees awarded by UM, relative to those awarded by other Missouri public, four-year institutions.

**d. Doctorates \*\*\* NOTE: This bullet is new beginning with the Jan 2021 Data Sheets. \*\*\***

SOURCE: UM Office of Institutional Research, from IPEDS Data Center data.

Reported are the academic year total numbers of Research Doctor's degrees and Professional Service Doctor's degrees, relative to those awarded by other Missouri public and not-for-profit private institutions.

**e. NSF awards**

SOURCE: UM Office of Institution Research, from on-line NSF data.

Reported is the total **FY2020** amount of research funding awarded by the National Science Foundation (NSF) to UM, relative to the amount awarded by NSF to other Missouri public, four-year institutions.