PENNSYLVANIA

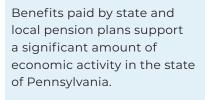
Pensionomics 2023:



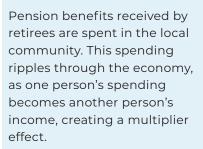
Measuring the Economic Impact of DB Pension Expenditures

Overview

Expenditures made by retirees of state and local government provide a steady economic stimulus to Pennsylvania communities and the state economy. In 2020, 486,063 residents of Pennsylvania received a total of \$13.8 billion in pension benefits from state and local pension plans.



Key Findings



In 2020, expenditures stemming from state and local pensions supported...

111,571 jobs that paid \$6.8 billion in wages and salaries

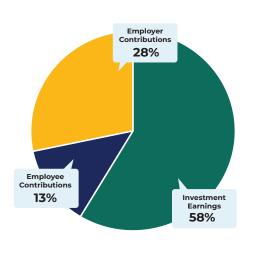
\$18.9 billion in total economic output

\$2.3 billion in federal, state, and local tax revenues

... in the state of Pennsylvania.

Each dollar paid out in pension benefits supported \$1.37 in total economic activity in Pennsylvania.

Each dollar "invested" by Pennsylvania taxpayers in these pension plans supported \$4.81 in total economic activity in the state.



The average pension benefit received was \$2,373 per month or \$28,471 per year. These modest benefits provide retired teachers, public safety personnel, and others who served the public during their working careers income to meet basic needs in retirement.

Between 1993 and 2020, 28% of Pennsylvania's pension fund receipts came from employer contributions, 13% from employee contributions, and 58% from investment earnings.* Earnings on investments and employee contributions—not taxpayer based contributions—have historically made up the bulk of pension fund receipts.

Impact on Jobs and Incomes

Retiree expenditures stemming from state and local pension plan benefits supported 111,571 jobs in the state. The total income to state residents supported by pension expenditures was \$6.8 billion.

To put these employment impacts in perspective, in 2020 Pennsylvania's unemployment rate was 9.1%. The fact that DB pension expenditures supported 111,571 jobs is significant, as it represents 1.7 percentage points in Pennsylvania's labor force.

Economic Impact

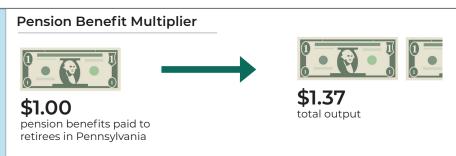
State and local pension funds in Pennsylvania and other states paid a total of \$13.8 billion in benefits to Pennsylvania residents in 2020. Retirees' expenditures from these benefits supported a total of \$18.9 billion in total economic output in the state, and \$11.2 billion in value added in the state.

Impact on Tax Revenues

State and local pension payments made to Pennsylvania residents supported a total of \$2.3 billion in revenue to federal, state, and local governments. Taxes paid by retirees and beneficiaries directly out of pension payments totaled \$136.8 million. Taxes attributable to pension expenditures in the local economy accounted for \$2.2 billion in tax revenue.

Federal Tax	\$996.4 million	
State/Local Tax	\$1.3 billion	
Total	\$2.3 billion	

Economic Multipliers



Each \$1 in state and local pension benefits paid to Pennsylvania residents ultimately supported \$1.37 in total output in the state. This "multiplier" incorporates multiple rounds of impacts of retiree spending, as each purchase ripples through the state economy.



Each \$1 in taxpayer contributions to Pennsylvania's state and local pension plans supported \$4.81 in total output in the state. This reflects the fact that taxpayer contributions are a minor source of financing for retirement benefits—investment earnings and employee contributions finance the lion's share.

Economic Impacts by Industry Sector

The economic impact of state and local pension benefits was broadly felt across various industry sectors in Pennsylvania. The five industry sectors with the largest employment impacts are presented in the table to the side.

Industry	Employment Impact (# Jobs)
Hospitals	8,664
Limited-service restaurants	4,753
Offices of physicians	3,807
Full-service restaurants	3,766
Retail - food and beverage stores	3,365

Industry totals include the first round of impacts from pension payments to state residents, and do not account for recaptured "leakage" to or from other states.

Economic Impacts by Occupation Category

The pension benefits in Pennsylvania supported jobs in every civilian job category, as shown in the table below.

Occupation Category	Wage and Salary Employment	Wage and Salary Income	Supplements to Wages and Salaries	Employee Compensation
Office and Administrative Support Occupations	11,157	\$545,555,510	\$109,227,303	\$654,782,814
Sales and Related Occupations	10,122	\$421,857,582	\$77,961,122	\$499,818,705
Food Preparation and Serving Related Occupations	9,993	\$212,664,285	\$38,498,373	\$251,162,659
Healthcare Practitioners and Technical Occupations	9,522	\$916,973,656	\$197,796,356	\$1,114,770,013
Transportation and Material Moving Occupations	7,477	\$309,828,025	\$64,831,443	\$374,659,468

^{*}Caution should be used in interpreting these numbers. See the Technical Appendix of the full Pensionomics report for details.