

Expense Trends Analysis

Expense Trends Analysis (ETA) is an online analytical processing (OLAP) tool that allows users to analyze summarized expense data over time. ETA is a less manually intensive process for pulling together and interacting with expenditure data, allowing you to spend more time focusing on analysis and decision making. Users will be able to analyze trends in spending over time, explore spending patterns, identify areas of higher or lower spending and much more.

Accounting String

Which department is spending the most on office supplies? Which department has the most expenses on the state fund?

Total Expense Amount		Fiscal Year					
Account Type Level 1 Title	Account Type Level 2 Title	2008	2009	2010	2011	2012	Grand Total
⊖ Non-Personnel Expenses	⊕ Equipment/Software/Capital Lease	\$1,817.86	\$34,117.00		\$17,688.00		\$53,622.86
	⊕ Materials and Supplies	\$41,955.80	\$49,853.92	\$47,563.10	\$43,247.21	\$33,658.78	\$216,278.81
	⊕ Plant Expenditures		\$475.00	\$293.00			\$768.00
	⊕ Services	\$308,315.50	\$230,652.00	\$795,879.67	\$706,416.86	\$183,355.48	\$2,224,619.51
	⊕ Transportation Services	\$29,021.29	\$17,720.61	\$16,077.49	\$16,197.37	\$9,130.69	\$88,147.45
Non-Personnel Expenses Total		\$381,110.45	\$332,818.53	\$859,813.26	\$783,549.44	\$226,144.95	\$2,583,436.63
⊕ Personnel Expenses		\$1,517,342.48	\$1,245,182.81	\$1,386,534.57	\$1,434,470.42	\$759,336.66	\$6,342,866.94
⊕ Transfers		\$60,000.00	\$15,293.44	(\$20,000.00)	\$3,697.41		\$58,990.85
Grand Total		\$1,958,452.93	\$1,593,294.78	\$2,226,347.83	\$2,221,717.27	\$985,481.61	\$8,985,294.42

Total Number of Transactions	Fiscal				
Purchase Method Code	2009	2010	2011	2012	Grand Total
BANNER	76	114	98	50	338
I-BUY	93	87	139	102	421
OTHER	1,107	1,223	1,128	499	3,957
P-CARD	147	129	127	56	459
Grand Total	1,423	1,553	1,492	707	5,175

Procurement Method

How many transactions have been processed via iBuy vs. P-Card? What is the spend of those transactions? What is the trend of transactions by procurement method? Is one method increasing while another is decreasing? How much is my college spending with a specific vendor?

Employee Groups

How have expenses for Academic Professionals changed within my college? Within my department? Which department has the most expenses for faculty? What is the range of expenses across departments? These are just some questions that can be analyzed with Expense Trends Analysis.

Total Expense Amount	Fiscal Year				
Job Group	2009	2010	2011	2012	Grand Total
Academic Professional	\$20,532,005.26	\$21,095,192.49	\$22,136,091.54	\$11,582,579.36	\$75,345,868.65
Civil Service	\$9,747,820.16	\$9,331,325.44	\$8,641,105.90	\$4,321,692.22	\$32,041,943.72
Faculty	\$53,128,150.48	\$51,173,199.94	\$54,286,558.93	\$26,958,832.50	\$185,546,741.85
Other	\$15,536,428.14	\$16,563,007.64	\$17,655,787.59	\$10,568,740.89	\$60,323,964.26
Post Docs and Intern	\$7,765,521.23	\$9,111,478.10	\$8,939,432.49	\$4,786,816.52	\$30,603,248.34
Student	\$41,898,750.45	\$43,006,759.23	\$43,978,304.18	\$21,546,266.97	\$150,430,080.83
Grand Total	\$148,608,675.72	\$150,280,962.84	\$155,637,280.63	\$79,764,928.46	\$534,291,847.65

Interested?

If you would like to learn more about Expense Trends Analysis, please contact Mandy Bodine, Functional Area Coordinator (abodine@uillinois.edu).