Summary Statistics Macro Sectors

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Why do we aggregate into macro sectors?

- **Enhanced Analytical Efficiency:** Aggregation simplifies data, enabling quicker and easier macroeconomic analysis, crucial for strategic decision-making.
- **Improved Comparative Analysis:** Macro sectors reduce variability, facilitating easier comparisons and benchmarking across economic dimensions, which enhances policy and investment strategies.
- **Streamlined Resource Allocation:** Aggregating sectors provides a clear overview of economic performance, aiding in more informed and effective resource distribution.
- **Simplified Communication:** The consolidation into macro sectors simplifies economic data presentation, making it more accessible and easier to understand for a wider audience.

Limitations of aggregating sectors

- ▶ **Loss of Detailed Insights:** Aggregation may overlook critical sector-specific details and variations, potentially leading to less informed decisions.
- ▶ **Risk of Overgeneralization:** Broad categories can obscure the unique characteristics and needs of different industries, possibly resulting in unsuitable policies or strategies.
- ▶ **Masking of Intra-sector Disparities:** Aggregation can hide performance differences within sectors, potentially leading to misinformed assessments of economic health.
- ▶ **Impact on Statistical and Analytical Methods:** Could affect the robustness of statistical analyses. Significant variations within macro sectors can lead to misleading averages or other statistical measures.

Macro Sector Mapping

macro_sector	sector_name
Industrial Sector	Manufacturing
Industrial Sector	Construction
Industrial Sector	Energy & Water Treatments
Commercial Sector	Wholesale & Retail
Commercial Sector	Real Estate
Service Sector	Transport
Service Sector	Accommodation
Service Sector	Professional, Scientific & Technical
Service Sector	Rental & Travel
Creative Industries and ICT	Media & Telecommunications
Creative Industries and ICT	Repair of Computers & Communication Equipment

Count of Firms by Macro Sector by year

mac_sec	2014	2015	2016	2017	2018	2019
Indus	9203	8958	8513	9687	9030	8332
Commer	4968	4897	5961	7077	8028	4722
Serv	3530	4364	3401	3182	3171	3813
Cre_Indus_&_ICT	1131	1103	1017	1249	1596	1516

Percentage of Firms by Macro Sectors by Year

mac_sec	2014	2015	2016	2017	2018	2019
Indus	48.87	46.36	45.06	45.70	41.37	45.32
Commer	26.38	25.34	31.55	33.39	36.78	25.69
Serv	18.74	22.59	18.00	15.01	14.53	20.74
Cre_Indus_&_ICT	6.01	5.71	5.38	5.89	7.31	8.25

Counts of Firms by Macro Sectors by Size

mac_sec	sme_rev	2014	2015	2016	2017	2018	2019
Indus	sme	7802	7438	6825	7910	7262	6615
Indus	large	1401	1520	1688	1777	1768	1717
Commer	sme	4321	4171	5091	6099	6959	3776
Commer	large	647	726	870	978	1069	946
Serv	sme	3193	3996	3001	2770	2721	3353
Serv	large	337	368	400	412	450	460
Cre_Indus_&_ICT	sme	1021	974	884	1101	1432	1362
Cre_Indus_&_ICT	large	110	129	133	148	164	154

Percentage of Firms by Macro Sectors by Year

mac_sec	sme_rev	2014	2015	2016	2017	2018	2019
Indus	sme	41.43	38.49	36.13	37.32	33.27	35.98
Indus	large	7.44	7.87	8.93	8.38	8.10	9.34
Commer	sme	22.94	21.59	26.95	28.78	31.89	20.54
Commer	large	3.44	3.76	4.61	4.61	4.90	5.15
Serv	sme	16.96	20.68	15.89	13.07	12.47	18.24
Serv	large	1.79	1.90	2.12	1.94	2.06	2.50
Cre_Indus_&_ICT	sme	5.42	5.04	4.68	5.19	6.56	7.41
Cre_Indus_&_ICT	large	0.58	0.67	0.70	0.70	0.75	0.84