





COVERAGE

NACE Rev.2 classification;

• Section K (Financial and Insurance Activities) is covered.

2

TURKISH STATISTICAL INSTITUTE



			SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	
64			Financial service activities, except insurance and pension funding	
	64.1		Monetary intermediation	
		64.11	Central banking	6411
		64.19	Other monetary intermediation	6419
	64.2		Activities of holding companies	
		64.20	Activities of holding companies	6420
	64.3		Trusts, funds and similar financial entities	
		64.30	Trusts, funds and similar financial entities	6430
	64.9		Other financial service activities, except insurance and pension funding	
		64.91	Financial leasing	6491
		64.92	Other credit granting	6492
		64.99	Other financial service activities, except insurance and pension funding n.e.c.	6499
65			Insurance, reinsurance and pension funding, except compulsory social security	
	65.1		Insurance	
		65.11	Life insurance	6511
		65.12	Non-life insurance	6512
	65.2		Reinsurance	
		65.20	Reinsurance	6520
	65.3		Pension funding	
		65.30	Pension funding	6530
66			Activities auxiliary to financial services and insurance activities	
	66.1		Activities auxiliary to financial services, except insurance and pension funding	
		66.11	Administration of financial markets	6611
		66.12	Security and commodity contracts brokerage	6612
		66.19	Other activities auxiliary to financial services, except insurance and pension funding	6619
	66.2		Activities auxiliary to insurance and pension funding	
		66.21	Risk and damage evaluation	6621
		66.22	Activities of insurance agents and brokers	6622
		66.29	Other activities auxiliary to insurance and pension funding	6629
	66.3		Fund management activities	
		66.30	Fund management activities	6630

3



Some Basic Information about Financial Statistics in Turkstat

- Statistical unit is **enterprise**.
- Coverage is whole Turkey.
- **Full enumeration and sampling** methods are used together. *Credit Surety Cooperatives of Craftsmen and Artisans, insurance agencies and insurance experts* are compiled by sampling, all the others are compiled by full enumeration.
- Data is collected annually.
- Results are published annually. Lastly, press release of 2015 reference year was published on 22th of December, 2016.
- All 2015 data were published on 2nd of Februaray, 2017 on Tursktat website as 25 excel tables.
- Tables are as 2002-2015 series.
- Eurostat recommends **t+18** for financial statistics publication. Our press release provides **t+12**, tables provide **t+13**.



Some Basic Information about Financial Statistics in Turkstat

- Two questionnaires are applied to the enterprises:
 - Financial and Insurance Activities and Financial Auxiliaries.
- Address frame is formed by enterprise information taken from supervisory and regulatory institutions.
- Observation unit is **enterprise** while analysing units are **enterprise** and **local unit**.
- Sampling method used is stratified simple random sampling.



Financial and Insurance Activities:

Fieldwork: Harzemli web programme, by enterprises, in coordination of regional offices

Sectors in the coverage of survey:

- Banks,
- Financial Leasing Companies,
- Brokerage Firms, Futures Brokerage Firms
- Factoring Companies,
- Agricultural Credit Cooperatives,
- Insurance Companies,
- Consumer Financement Companies,
- Asset Management Companies,
- Securities Investment Associations, Real Estate Investment Associations and Venture Capital Trusts,
- Stock Markets,
- Portfolio Management Companies,
- Credit Guarantee Fund, Central Institution of Record, Interbank Card Center, VAT Repayment Companies.



Financial and Insurance Activities:

Fieldwork: Harzemli web programme, by enterprises, in coordination of regional offices

Sectors in the coverage of survey for the first time in 2016:

- Electronic Money Foundations
- Paying Agencies
- Asset Renting Companies
- Financial Holdings

7



Financial and Insurance Activities:

• Observation Unit 2015: 432 (Full enumeration)

Response rate: %100

Fieldwork period: 2 May-10 June 2016



Financial and Insurance Activities, Compiling Method:

- ✓ Sectoral surveys were used last years, for example J101-105 Banking and Participation Banking, J107 Financial Leasing (NACE Rev.1.1).
- ✓ All surveys related with financial and insurance activities were merged in 2011 under the name of "K111 Financial and Insurance Activities Questionnaire".
- ✓ Central office was the directly following responsible unit last years. Surveys were posted and web based data entrance were followed.
- ✓ By 2013, fieldwork coordination was assigned to regional offices. Also, a new web based data entrance programme, Harzemli has been started to be used.



Financial Auxiliaries:

Fieldwork: Harzemli web programme, by enterprises, in coordination of regional offices

Sectors in the coverage of survey:

- Foreign Exchange Offices,
- Credit Surety Cooperatives of Craftsmen and Artisans,
- Insurance Agencies,
- Insurance Experts,
- Insurance Brokers.



Financial Auxiliaries:

- Observation Unit 2015: 2 448 (full enumeration: 869, sampling: 1579)
- 744 foreign exchange offices and 125 brokers: full enumeration.
 647 Agencies, 461 Experts and 471 Credit Surety Cooperatives of Craftsmen and Artisans: sampling.
- Response rate: %92.
- Fieldwork: 2 Mayıs-10 Haziran 2016



Financial Auxiliaries, Compiling Method:

- ✓ Sectoral surveys were used last years, for example J107 Foreign Exchange Offices, J108 Insurance Agencies, Experts and Brokers (NACE Rev.1.1).
- ✓ All surveys related with financial auxiliaries were merged in 2011 under the name of "K112 Financial Auxiliaries Questionnaire".
- ✓ Fieldwork coordination is in regional offices. Also, a new web based data entrance programme, Harzemli has been started to be used since 2013.



TURKISH STATISTICAL INSTITUTE

NAME OF SURVEY	FULL ENUMERATION	SAMPLING	NUMBER OF ENTERPRISES
K111 Financial and Insurance Activities	Deposit Banks	SAIVIFLING	34
			-
K111 Financial and Insurance Activities	Participation Banks		5
K111 Financial and Insurance Activities	Investment Banks		14
K111 Financial and Insurance Activities	Financial Leasing		28
K111 Financial and Insurance Activities	Factoring		70
K111 Financial and Insurance Activities	Agricultural Credit Cooperatives		1
K111 Financial and Insurance Activities	Consumer Financement		13
K111 Financial and Insurance Activities	Asset Management		13
K111 Financial and Insurance Activities	Investment Associations		55
K111 Financial and Insurance Activities	Insurance Companies		62
K111 Financial and Insurance Activities	Stock Market		1
K111 Financial and Insurance Activities	Brokerage Firms		81
K111 Financial and Insurance Activities	Portfolio Management		54
K111 Financial and Insurance Activities	Credit Guarantee Fund		1
K111 Financial and Insurance Activities	Central Institution of Record		1
K111 Financial and Insurance Activities	Interbank Card Center		1
K111 Financial and Insurance Activities	VAT Repayment		2
K112 Financial Auxiliaries	Foreign Exchange Offices		744
K112 Financial Auxiliaries	Brokers		125
K112 Financial Auxiliaries		Insurance Agencies	647
K112 Financial Auxiliaries		Insurance Experts	461
K112 Financial Auxiliaries		Credit Surety Cooperatives	471

Annual Business Statistics Department



SECTIONS OF SURVEY

Financial and Insurance Activities;

- Legal status
- Activity code, domestic and overseas units, ATM number
- Employment, hours worked and payments
- Expenses
- Capital share of distribution
- Indirect taxes
- Fixed capital investment, sale and depreciation
- R&D expenditures
- Local units
- Respondent information
- Income sheet and balance sheet total otherwise it is taken from regulatory institutions



SECTIONS OF SURVEY

Financial Auxiliaries: In addition to Financial and Insurance Activities;

- Activity code special to this form
- Detailed profit/loss table
- Some other expense items



CALCULATION OF VARIABLES

4 main sources:

- Survey data
- Trial balance
- Income sheet
- Balance sheet

Except for survey data, the other sources are mainly obtained from administrative sources.



ADMINISTRATIVE SOURCES

- Financial statements (balance sheet, income sheet, trial balance) are obtained from supervisory and regulatory institutions. Response burden is decreased by usage of administrative records.
- ➤ Banks, Participation Banks, Financial Leasing, Factoring, Consumer Financement, Brokerage Firms, Asset Management Companies, Foreign Exchange Offices, Portfolio Management, Investment Associations and Insurance Companies



Banking Regulation and Supervision Agency

- **Trial Balance:** Banks, Participation Banks, Financial Leasing, Factoring, Consumer Financement
- Income Sheet: Asset Management
- Balance Sheet
- Company Information



Capital Markets Board, Capital Markets Association

Income Sheet: Brokerage firms: CMA,
Investment associations, portfolio management companies: CMB.

■ Balance Sheet: Brokerage firms: CMA, Investment associations, portfolio management companies: CMB.

■ Company Information: CMB



Undersecretariat of Treasury

- Balance Sheet, Income Sheet: Insurance companies, Foreign exchange offices
- Company Information: Insurance companies, Foreign exchange offices, Insurance Brokers
- The Union of Chambers and Commodity Exchanges give address frame for insurance agencies and experts since 2009 reference year.



DATA ANALYSIS

- For small sized enterprises, corrections are demanded from regional offices
- After fieldwork, regional analysis folders are formed. These folders are on both excel and SAS data analysis program. Regional offices see the problematic areas and search for reliable data
- Mistakes are sent to enterprises by e-mail or telephone.
- Imputation can be made for empty cells or in some cases for the whole questionnaire.
- Comparisons with previous years values



DATA ANALYSIS

- Internal consistency of the questionnaire is examined
- Some ratios are calculated, outliers are analyzed, some small and big values are viewed
- Data, financial performance data, financial statements are gathered by Internet and compared with on hand data
- Sectoral activity reports are examined



CALCULATED VARIABLES

Basic variables of financial institutions by enterprise:

- Number of enterprises
- Number of persons employed
- Number of employees
- Number of female employees
- Number of male employees
- Personnel costs
- Wages and salaries
- Contributions to social security
- Fixed capital investments and sales
- Production value
- Total purchases of goods and services
- Value added at factor cost



CALCULATED VARIABLES

Basic variables of financial institutions by local unit:

- Number of local units
- Number of persons employed
- Number of employees
- Wages and salaries

TURKISH STATISTICAL INSTITUTE



Ekonomik faailyete göre istihdam ve temel göstergeler, 2002-2015 Emglyment and basic Indicators by economic activity, 2002-2015

										istihdam - Empi		
		Faktör mallyetlyle katma değer Value added at	değeri Production	Mail we hizmet satin align Purchase of goods and	Güvenlik masrafları Contributions to		Personnel	Number of	Number of	sayısı Annual	Çalışanların yıllık ortalama sayısı Annual average	Girişim sayısı
Υ	NACE, Rev.2	factor cost	value	services	Social Security (TL)	salaries	cost	male_ employees	female employees	of employees	number of persons engaged	Number of enterprises
	K											
20	FINANCIAL AND INSURANCE ACTIVITIES 64	111 178 787 789	167 613 949 777	48 335 211 988	3 217 884 626	22 991 444 091	28 209 103 818	161 014	164 204	315 218	327 428	18 978
	FINANCIAL SERVICE ACTIVITIES											
	(except insurance and Pension Funding)	101 559 941 927	135 165 367 248	33 605 425 321	2 664 233 602	19 220 060 222	21 884 293 824	122 662	115 300	237 962	237 990	230
	64.11.64.19											
	Monetary Intermediation											
	(Central Bank, Commercial Banks, Participation Banks)	88 089 595 624	119 053 710 669	30 964 115 045	2 369 895 611	17 289 765 464	19 659 661 075	110 524	107 232	217 756	217 756	40
	64.91											
	Financial Leasing Companies	1 531 265 000	1 775 037 000	243 772 000	25 034 510	172 440 031	197 474 541	765	723	1 488	1 489	28
	64.92											
	Other Credit Granting											
	(Consumer Financing Companies, Lenders and Agricultural Credit Cooperatives)	1 384 705 054	1 765 733 208	381 008 154	97 473 298	506 101 670	603 574 968	4 013	1 498	5 511	5 511	13
	64.99 Other Financial Service Activities n.e.c.											
	(Banks of Development and Investment, Factoring, Asset											
	Management Companies, Securities Investment Associations, Real Estate Investment Associations and Venture Capital Trusts)		12 570 886 371	2.016.510.122	171 830 183	1 251 753 057	1 403 583 040	7 360	5 847	13 207	13 234	149
	65	10 334 310 243	12 310 000 311	2010310122		1251155051	1 422 303 240		204	15 201	15 254	142
	INSURANCE, REINSURANCE AND PENSION FUNDING											
	(except Compulsory Social Security)	5 509 091 378	15 738 266 207	10 229 174 829	241 557 788	1 621 129 451	1 862 687 239	8 627	11 039	19 666	19 666	62
	65.11											
	Life insurance	2 368 351 730	4 218 187 981	1 849 836 251	97 912 294	639 332 279	737 244 573	3 397	5 719	9 116	9 116	23
	65.12, 65.20											
	Non-life Insurance, Reinsurance	3 140 739 648	11 520 078 226	8 379 338 578	143 645 494	981 797 172	1 125 442 666	5 230	5 320	10 550	10 550	39
	68											
	ACTIVITIES AUXILIARY TO FINANCIAL SERVICES AND INSURANCE ACTIVITIES	4 409 704 494	6 610 316 322	0.500.544.535	244 072 425	0.450.054.440	0.450.407.553	00.705	27 865	57 590	69 770	16 684
	INSURANCE ACTIVITIES 66.11	+ 103 704 464	0010310322	2 500 611 636	311 673 135	2 150 254 418	4-04 127 553	25 / 25	47 000	57 530	65 770	10 004
	Administration of Financial Markets											
	(Stock Markets)	406 930 859	451 949 352	45 018 493	7 747 725	126 574 697	134 322 422	428	142	570	570	1
	66.12											
	Security and Commodity Contracts Brokerage											1



CALCULATED VARIABLES

Some detailed variables are wanted to be calculated by Eurostat. In Eurostat Regulation 251/2009;

- Annex 5 Insurance Companies
- Annex 6 Credit Institutions
- Annex 7 Pension Funds

state detailed variables.



WORKS DONE IN A YEAR								
1	2	3	4	5	6			
Latest controls of the			Constitution of					
data	Table upload to website	Address frame	programs and testing	Fieldwork starts	Fieldwork ends			
Constitution of tables to		Work analysis,		Problem solving in the				
be published on	Adres frame,	determination of works	Latest version of	fieldwork process and	Preliminary controls on			
website	administrative sources	to be done	address frame	feedbacks	data entry			
		Formation of DDI and	All the works before	Preliminary controls on	Regional office analysis			
Coverage evaluation	Questionnaire update	rules	fieldwork	data entry	folders			

WORKS DONE IN A YEAR								
7	8	9	10	11	12			
					Formation of press			
Data control and	Data control and	Data control and	Data control and	Data control and	release and tables			
analysis	analysis	analysis	analysis	analysis	linked with it			
Corrections wanted		Control and aggregation	Determination of					
from enterprises and		of administrative	calculated variables and	Latest quality and	Publication of press			
regional offices	Administrative sources	records	production of them	validity controls	release			



HARZEMLI PROGRAM

- Main idea behind this program is enterprises' own data entrance. An user name and password will be constituted for each enterprise. By using these user names and passwords, enterprises will enter their data from TurkStat's web page.
- Reducing response burden,
- Fast data collection,
- Eliminating paperwork,
- Less resources to use



HARZEMLI PROGRAM BY FIGURES

How to use the program:

- <u>www.tuik.gov.tr</u> should be clicked firstly.
- Then, data entry screen will be displayed. Enterprise will enter its own user name and password given by TurkStat or regional offices.
- In case of problems, communication info button can be clicked. So, enterprise sees names, mail addresses and phone numbers of people who can help.
- Enterprises will see all surveys Turkstat applies for them. Then, enterprise
 will select the application for which TurkStat demands information at that
 time.
- An example of screen display for questionnaire sections can be seen.

TURKISH STATISTICAL INSTITUTE

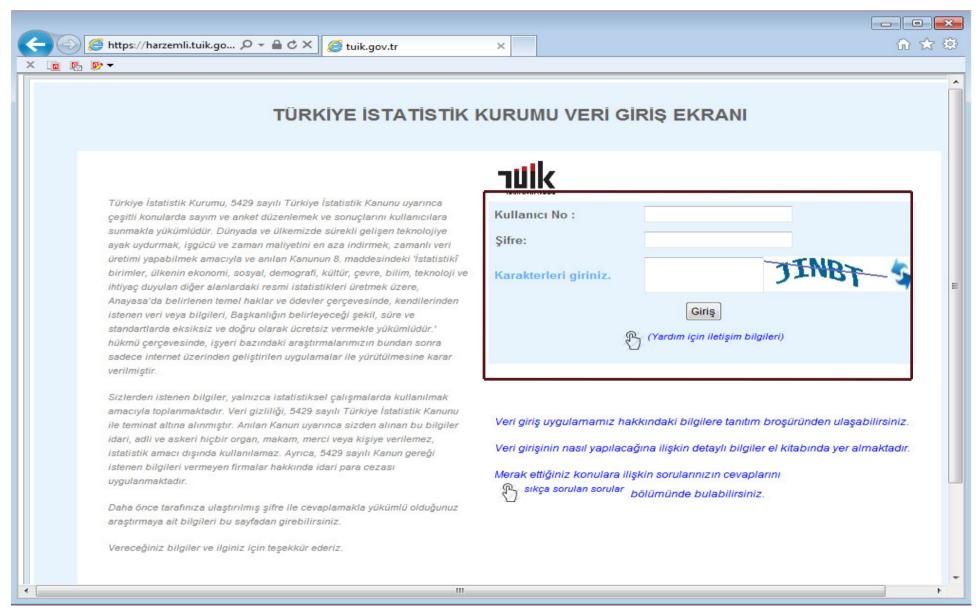




Annual Business Statistics Department







Annual Business Statistics Department







TURKISH STATISTICAL INSTITUTE

Press Release

Financial Intermediary Institutions Statistics, 2015

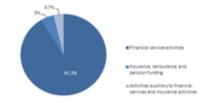
2, 2016 Number of enterprises was 16 976 at financial intermediary institutions sector

230 enterprises operated at financial service activities, 62 enterprises operated at insurance, reinsurance and pension funding and 16 thousand 684 enterprises operated at activities auxiliary to financial services and insurance activities.

Value added at factor cost was 111 billion 179 million TL

91.3% of total value added was of financial service activities, 5% of total value added was of insurance, reinsurance and pension funding and 3.7% of value added was of activities auxiliary to financial services and insurance activities.

Value Added at Factor Cost at Financial Intermediary Institutions, 2015



Total value added at factor cost increased by 17.5% compared to the last year

Value added at factor cost increased by 19.5% at financial service activities, 3.8% at activities auxiliary to financial services and insurance activities and decreased by 3.1% at insurance, reinsurance and pension funding compared to the last year.

Value Added at Factor Cost, 2014-2015

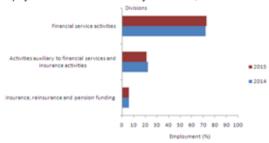
Annual Business Statistics Department

	Value added a (TL	Exchange rate	
NACE, Rev.2	2014	2015	(%)
Financial and Insurance Activities	94 644 988 952	111 178 737 789	17.5
Financial service activities, except insurance and pension funding	85 000 472 363	101 559 941 927	19.5
Insurance, reinsurance and pension funding, except compulsory social security	5 684 279 571	5 509 091 378	-3.1
Activities auxiliary to financial services and insurance activities	3 960 237 018	4 109 704 484	3.8

The highest employment was at financial service activities

Number of persons employed at financial intermediary institutions was 327 thousand 426, 72,7% of total number of persons employed was of financial service activities, 6% of total number of persons employed was of insurance, reinsurance and pension funding and 21,3% of total number of persons employed was of activities audiliary to financial services and insurance activities.

Employment at Financial Intermediary Institutions, 2014-2015



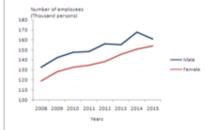
Personnel cost was 26 billion 209 million TL

83.5% of personnel cost was of financial service activities, 7.1% of personnel cost was of insurance, reinsurance and pension funding and 9.4% of personnel cost was of activities auxiliary to financial services and insurance activities. 87.7% of personnel cost of financial intermediary institutions consisted of wages and salaries while 12.3% of personnel cost consisted of contributions to social security.

Female rate at payroll employment was 48.9% at financial intermediary institutions

Number of female employees at financial intermediary institutions was 154 thousand 204, while number of male employees was 161 thousand 14. Thus, female employment rate was 48.9%, and male employment rate was 51.1%.

Number of Female-Male Employees, 2008-2015



EXPLANATIONS

Financial intermediary institution Statistics are in the coverage of Structural Business Statistics. Enterprises at Section K of NACE Rev.2 Classification are included. Economic variables in the scope of business statistics are produced. Variables such as interest, deposits, credits etc. are not in the coverage of Financial intermediary institution Statistics.

TURKISH STATISTICAL INSTITUTE







Thank you...

