台灣 **(Taiwan, ROC)**

Directorate-General of Budget, Accounting & Statistics , Executive Yuan

1997 Employees' Earnings Survey

Study Documentation

July 25, 2016

Metadata Production

Metadata Producer(s)	Survey Research Data Archive (SRDA) , Center for Survey Research, Research Center for Humanities and Social Sciences, Academia Sinica
Production Date	July 11, 2015
Identification	AA220011en

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1997 Employees' Earnings Survey

85#########

Overview

Type	Employee's Earning Survey
Identification	AA220011en
Version	Production Date: 2015-03-10 v1

Abstract

Employees' Earnings Survey is to provide information on number of employees, earnings, working hours and turnover in various industries in Taiwan area. To gain understanding of industrial manpower demand, working hours and earnings level of employees. It's area includes Taiwan Province, Taipei Municipality and Kaohsiung Municipality. According to the current standard industrial classification system of the Republic of China, the survey covers these industries: mining & quarrying, manufacturing, electricity & gas supply, Construction, wholesale & retail trade & food service activities, transportation & storage & communication, finance & insurance activities & real estate activities, industry, commerce and service, social & personal services etc. . Establishments are public and private firms and their employees(excluding the factories owned by the Ministry of National Defense, consumers cooperatives, workshops of schools, relief institutions and prisons). Personnel shall be sent on location for the purposes of survey by mail and interview, as well as by the Internet.

According to the four-digit group of the Standard Industrial Classification System of the Republic of China, a screening or a stratified cut-off random sampling method is adopted. For government enterprises and large-scale private enterprises (above the cut-off point), the screening is used. For medium and small private enterprises (below the cut-off point), the stratified random sampling is adopted. In principle, the survey period of every sample is confined to one year. The source of data for population is the population files of the latest Industry, Commerce and Service Census. The samples of industrial sub- classifications not exceeding 5 units should be increased to 5 units, and the population of less than 5 units all should be surveyed.

Kind of Data	抽樣調查資料 (Sample survey data)

Scope & Coverage

Countries	台灣 (Taiwan, ROC)

Geographic Coverage

Taiwan Province, Taipei Municipality and Kaohsiung Municipality

Universe

Establishments are public and private firms and their employees(excluding the factories owned by the Ministry of National Defense, consumers cooperatives, workshops of schools, relief institutions and prisons).

Producers & Sponsors

Primary Investigator(s)	Directorate-General of Budget, Accounting & Statistics , Executive Yuan
Other Producer(s)	Directorate-General of Budget, Accounting & Statistics, Executive Yuan (DGBAS)
Funding Agency/ies	Directorate-General of Budget, Accounting & Statistics , Executive Yuan (DGBAS)

Sampling

Sampling Procedure

According to the four-digit group of the Standard Industrial Classification System of the Republic of China, a screening or a stratified cut-off random sampling method is adopted. For government enterprises and large-scale private enterprises (above the cut-off point), the screening is used. For medium and small private enterprises (below the cut-off point), the stratified random sampling is adopted. The number of employees is used as a variable of stratification. The Dalenius-Hodges approximate optimum method is used to determine the boundaries between strata and the Nyman best allocation method in each stratum. In principle, the survey period of every sample is confined to one year. The source of data for population is the population files of the latest Industry, Commerce and Service Census. The samples of industrial sub- classifications not exceeding 5 units should be increased to 5 units, and the population of less then 5 units all should be surveyed.

Data Collection

Data Collection Mode	Other

Data Processing & Appraisal

Data Editing
CSR has checked wild codes and out-of-range values, to validate and clean data.

Other Processing
Personnel shall be sent on location for the purposes of survey by mail and interview:
(1) Mining & quarrying: By face-to-face interview.
(2) Manufacturing: The survey is conducted by mail. For the firms not reporting on time, surveying organization shall urge or assist the reporting.
(3) Electricity & gas supply: The same as Manufacturing.
(4) Construction: By face-to-face interview.
(5) Wholesale & retail trade & food service activities: By face-to-face interview.
(6) Transportation & storage & communication: By face-to-face interview.
(7) Finance & insurance activities & Real estate activities: Finance & insurance activities is conducted by mail. Real estate activities is by face-to-face interview.
(8) Industry, commerce and service: By face-to-face interview.
(9) Social & personal services: By face-to-face interview.

Accessibility

Contact(s)	Survey Research Data Archive (Center for Survey Research, Research Center for Humanities and Social Sciences, Academia Sinica) , https://srda.sinica.edu.tw , srda@gate.sinica.edu.tw
Distributor(s)	Survey Research Data Archive
Depositor(s)	Directorate-General of Budget, Accounting & Statistics, Executive Yuan

Access Conditions
會員版(一般會員、院內會員)--申請審核通過後下載

Files Description

Dataset contains 1 file(s)

salary1997	
# Cases	90225
# Variable(s)	61

Variables Group(s)

Dataset contains 12 group(s)

Group Demographics

#	Name	Label	Type	Format	Valid	Invalid	Question
1	x1	ID Code	discrete	character-15	90225	0	-
2	ym	Year/Month	continuous	numeric-5.0	90225	0	-
3	city	County/City	discrete	numeric-2.0	90225	0	-
4	job	Industry	continuous	numeric-4.0	90225	0	-
5	id	Sample ID	discrete	character-4	90225	0	-

Group The number of employees and payroll

#	Name	Label	Type	Format	Valid	Invalid	Question
1	a6_11	The number of male salaried professional employees (staff, supervisors and technicians) as of the end of this month: regular employees	continuous	numeric-5.0	78722	11503	-
2	a7_11	The number of male salaried professional employees (staff, supervisors and technicians) as of the end of this month: temporary employees	continuous	numeric-3.0	78722	11503	-
3	a8_11	Total working hours correspond to previous number of male salaried professional employees (staff, supervisors and technicians): regular working hours	continuous	numeric-7.0	78722	11503	-
4	a9_11	Total working hours correspond to previous number of male salaried professional employees (staff, supervisors and technicians): overtime working hours	continuous	numeric-6.0	78722	11503	-
5	a10_11	Total gross monthly earnings correspond to previous number of male salaried professional employees (staff, supervisors and technicians): regular earnings (NT$)	continuous	numeric-10.0	78722	11503	-
6	a11_11	Total gross monthly earnings correspond to previous number of male salaried professional employees (staff, supervisors and technicians): overtime pay(NT$)	continuous	numeric-8.0	78722	11503	-
7	a12_11	Total gross monthly earnings correspond to previous	continuous	numeric-10.0	78722	11503	-

#	Name	Label	Type	Format	Valid	Invalid	Question
		number of male salaried professional employees (staff, supervisors and technicians): other irregular earnings (NT$)					
8	a6_12	The number of female salaried professional employees (staff, supervisors and technicians) as of the end of this month: regular employees	continuous	numeric-4.0	70718	19507	-
9	a7_12	The number of female salaried professional employees (staff, supervisors and technicians) as of the end of this month: temporary employees	continuous	numeric-3.0	70718	19507	-
10	a8_12	Total working hours correspond to previous number of female salaried professional employees (staff, supervisors and technicians): regular working hours	continuous	numeric-6.0	70718	19507	-
11	a9_12	Total working hours correspond to previous number of female salaried professional employees (staff, supervisors and technicians): overtime working hours	continuous	numeric-6.0	70718	19507	-
12	a10_12	Total gross monthly earnings correspond to previous number of female salaried professional employees (staff, supervisors and technicians): regular earnings (NT$)	continuous	numeric-9.0	70718	19507	-
13	a11_12	Total gross monthly earnings correspond to previous number of female salaried professional employees (staff, supervisors and technicians): overtime pay(NT$)	continuous	numeric-8.0	70718	19507	-
14	a12_12	Total gross monthly earnings correspond to previous number of female salaried professional employees (staff, supervisors and technicians): other irregular earnings (NT$)	continuous	numeric-9.0	70718	19507	-
15	a6_21	The number of male personnel (non-supervisors and non-technicians) as of the end of this month: regular employees	continuous	numeric-5.0	80858	9367	-
16	a7_21	The number of male personnel (non-supervisors and non-technicians) as of the end of this month: temporary employees	continuous	numeric-4.0	80858	9367	-

#	Name	Label	Type	Format	Valid	Invalid	Question
17	a8_21	Total working hours correspond to previous number of male personnel (non-supervisors and non-technicians): regular working hours	continuous	numeric-7.0	80858	9367	-
18	a9_21	Total working hours correspond to previous number of male personnel (non-supervisors and non-technicians) : overtime working hours	continuous	numeric-6.0	80858	9367	-
19	a10_21	Total gross monthly earnings correspond to previous number of male personnel (non-supervisors and non-technicians): regular earnings(NT$)	continuous	numeric-9.0	80858	9367	-
20	a11_21	Total gross monthly earnings correspond to previous number of male personnel (non-supervisors and non-technicians): overtime pay(NT$)	continuous	numeric-8.0	80858	9367	-
21	a12_21	Total gross monthly earnings correspond to previous number of male personnel (non-supervisors and non-technicians): other irregular earnings(NT$)	continuous	numeric-10.0	80858	9367	-
22	a6_22	The number of female personnel (non-supervisors and non-technicians) as of the end of this month: regular employees	continuous	numeric-4.0	75607	14618	-
23	a7_22	The number of female personnel (non-supervisors and non-technicians) as of the end of this month: temporary employees	continuous	numeric-4.0	75607	14618	-
24	a8_22	Total working hours correspond to previous number of female personnel (non-supervisors and non-technicians): regular working hours	continuous	numeric-7.0	75607	14618	-
25	a9_22	Total working hours correspond to previous number of female personnel (non-supervisors and non-technicians): overtime working hours	continuous	numeric-6.0	75607	14618	-
26	a10_22	Total gross monthly earnings correspond to previous number of female personnel (non-supervisors and non-technicians): regular earnings(NT$)	continuous	numeric-9.0	75607	14618	-
27	a11_22	Total gross monthly earnings correspond to previous number of female personnel	continuous	numeric-8.0	75607	14618	-

#	Name	Label	Type	Format	Valid	Invalid	Question
		(non-supervisors and non-technicians): overtime pay(NT$)					
28	a12_22	Total gross monthly earnings correspond to previous number of female personnel (non-supervisors and non-technicians): other irregular earnings(NT$)	continuous	numeric-10.0	75607	14618	-
29	a6_70	Number of employees at the end of this month: total number of regular employees	continuous	numeric-5.0	90224	1	-
30	a7_70	Number of employees at the end of this month: total number of temporary employees	continuous	numeric-4.0	90224	1	-
31	a8_70	Total working hours correspond to previous number of employees: total number of regular working hours	continuous	numeric-7.0	90224	1	-
32	a9_70	Total working hours correspond to previous number of employees: total number of overtime working hours	continuous	numeric-6.0	90224	1	-
33	a10_70	Total gross monthly earnings correspond to previous number of employees: total number of regular earnings(NT$)	continuous	numeric-10.0	90224	1	-
34	a11_70	Total gross monthly earnings correspond to previous number of employees: total number of overtime pay(NT $)	continuous	numeric-9.0	90224	1	-
35	a12_70	Total gross monthly earnings correspond to previous number of employees: total number of other irregular earnings(NT$)	continuous	numeric-10.0	90224	1	-

Group Unfilled vacancies

#	Name	Label	Type	Format	Valid	Invalid	Question
1	b8	Comparing of the operating status(productivity or work load) with previous month	discrete	numeric-1.0	90224	1	-
2	b9	Main way of calculating salary for most production workers (or construction workers) in your organization	discrete	numeric-1.0	90224	1	-

Group The payment of irregular earnings for this month: (check all that apply)

#	Name	Label	Type	Format	Valid	Invalid	Question
1	b15	The payment of irregular earnings for this month:	discrete	numeric-1.0	90224	1	-

#	Name	Label	Type	Format	Valid	Invalid	Question
		annual(seasoning) bonus or personal bonus(check all that apply)					
2	b16	The payment of irregular earnings for this month: irregular working(efficiency) bonus(check all that apply)	discrete	numeric-1.0	90224	1	-
3	b17	The payment of irregular earnings for this month: none(efficiency) bonus(check all that apply)	discrete	numeric-1.0	90224	1	-

Group Across-the-board regular earnings increase this month

#	Name	Label	Type	Format	Valid	Invalid	Question
1	b18	Across-the-board regular earnings increase this month	discrete	numeric-1.0	90224	1	-

Group Unfilled vacancies this month

#	Name	Label	Type	Format	Valid	Invalid	Question
1	b19	Unfilled vacancies this month	discrete	numeric-1.0	90224	1	-

Group Number of employees joining and leaving

#	Name	Label	Type	Format	Valid	Invalid	Question
1	b20	Number of unfilled vacancies	continuous	numeric-4.0	90224	1	-
2	c6	Number of accessions: newly hired	continuous	numeric-3.0	90224	1	-
3	c7	Number of accessions: recall	continuous	numeric-3.0	90224	1	-
4	c8	Number of accessions: others	continuous	numeric-3.0	90224	1	-
5	c9	Number of separations: quit	continuous	numeric-3.0	90224	1	-
6	c10	Number of separations: lay off	continuous	numeric-3.0	90224	1	-
7	c12	Number of separations: retirement(incl. benefited retirement)	continuous	numeric-3.0	90224	1	-

Group Working days

#	Name	Label	Type	Format	Valid	Invalid	Question
1	c14	Staff, supervisory and technical employees working days:__days per person	continuous	numeric-4.1	90224	1	-
2	c16	Non-supervisors and non-technicians working days:__days per person	continuous	numeric-4.1	90224	1	-

Group Working hours per person per day

#	Name	Label	Type	Format	Valid	Invalid	Question

#	Name	Label	Type	Format	Valid	Invalid	Question
1	c17	Staff, supervisory and technical employees:__hours per day	continuous	numeric-4.1	90224	1	-
2	c18	Non-supervisors and non-technicians:__hours per day	continuous	numeric-4.1	90224	1	-

Group Number of employees:__(at the end of last month)

#	Name	Label	Type	Format	Valid	Invalid	Question
1	c19	Number of employees:__(at the end of last month)	continuous	numeric-5.0	90224	1	-

Group Average daily payment to each skilled construction worker in your organization

#	Name	Label	Type	Format	Valid	Invalid	Question
1	c21	Average daily payment to each skilled construction worker in construction: NT$ (only in Construction)	continuous	numeric-4.0	90224	1	-

Group Average daily payment to each low-skilled construction worker in your organization

#	Name	Label	Type	Format	Valid	Invalid	Question
1	c22	Average daily payment to each low-skilled construction worker in construction: NT $(only in Construction)	continuous	numeric-4.0	90224	1	-

Variables Description

Dataset contains 61 variable(s)

File : salary1997

x1: ID Code

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=90225 /-] [Invalid=0 /-]

ym: Year/Month

Information	[Type= continuous] [Format=numeric] [Range= 86001-86012] [Missing=*]
Statistics [NW/ W]	[Valid=90225 /-] [Invalid=0 /-] [Mean=86006.547 /-] [StdDev=3.449 /-]

city: County/City

Information	[Type= discrete] [Format=numeric] [Range= 1-64] [Missing=*]
Statistics [NW/ W]	[Valid=90225 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Taipei County	11548	12.8%
2	Yilan County	1842	2.0%
3	Taoyuan County	8240	9.1%
4	Hsinchu County	2002	2.2%
5	Miaoli County	2273	2.5%
6	Taichung County	6555	7.3%
7	Changhua County	4064	4.5%
8	Nantou County	1424	1.6%
9	Yunlin County	1520	1.7%
10	Chiayi County	1286	1.4%
11	Tainan County	4247	4.7%
12	Kaohsiung County	4549	5.0%
13	Pintung County	1821	2.0%
14	Taitung County	827	0.9%
15	Hualien County	1276	1.4%
16	Penghu County	436	0.5%
17	Keelung City	1506	1.7%
18	Hsinchu City	2613	2.9%
19	Taichung City	3766	4.2%
20	Chiayi City	978	1.1%
21	Tainan City	2612	2.9%
63	Taipei City	15647	17.3%
64	Kaohsiung City	9193	10.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

job: Industry

Information	[Type= continuous] [Format=numeric] [Range= 500-8999] [Missing=*]
Statistics [NW/ W]	[Valid=90225 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
500	Mining	500	0.6%
900	Quarrying	1751	1.9%
1110	Slaughtering	66	0.1%
1120	Dairy Products	82	0.1%
1131	Canned Foods	108	0.1%

File : salary1997

job: Industry

Value	Label	Cases	Percentage
1132	Frozen Foods	309	0.3%
1133	Dehydrated Foods	60	0.1%
1134	Preserved Foods	66	0.1%
1141	Sugar Confectionary	72	0.1%
1142	Bakery Products	172	0.2%
1151	Edible Oils and Fats	65	0.1%
1152	Grain Milling	84	0.1%
1153	Rice Husking	95	0.1%
1160	Sugar Producing	257	0.3%
1171	Monosodium Glutamate	18	0.0%
1179	Other Seasonings	78	0.1%
1180	Beverage and Tobacco Manufacturing	363	0.4%
1191	Noodles	77	0.1%
1192	Prepared Animal Feeds	180	0.2%
1193	Tea Preparing	36	0.0%
1199	Miscellaneous Food Products	155	0.2%
1310	Cotton Textile Mills	480	0.5%
1320	Wool Textile Mills	70	0.1%
1330	Silk Textile Mills	37	0.0%
1342	Knitting Apparel Mills	387	0.4%
1349	Other Knitting Mills	147	0.2%
1360	Man-made Fibers Textile Mills	856	0.9%
1370	Ropes, Cables, Nets, Rugs and Carpets Manufacturing	74	0.1%
1380	Printing, Dyeing and Finishing	378	0.4%
1390	Other Textile Products	339	0.4%
1410	Outwear Apparel	817	0.9%
1430	Headwear	75	0.1%
1440	Textile Shoe	26	0.0%
1490	Miscellaneous Fiber Products	214	0.2%
1501	Leather Finishing	154	0.2%
1502	Fur Products Manufacturing	41	0.0%
1503	Leather Shoe Manufacturing	171	0.2%
1509	Other Leather Products Manufacturing	154	0.2%
1601	Lumbering	165	0.2%
1602	Plywood Manufacturing	122	0.1%
1603	Reconstituted Wood	53	0.1%
1604	Lumber Preserving and Treating	0	
1605	Plasticized Wood	0	
1606	Wooden Containers	65	0.1%
1607	Bamboo Products	35	0.0%
1608	Rattan Products	47	0.1%
1609	Other Wood Products	293	0.3%
1711	Wood Furniture and Fixtures	320	0.4%

File : salary1997

job: Industry

Value	Label	Cases	Percentage
1712	Bamboo Furniture and Fixtures	32	0.0%
1713	Rattan Furniture and Fixtures	42	0.0%
1719	Other Non-metallic Furniture and Fixtures Manufacturing	36	0.0%
1720	Metallic Furniture and Fixtures	471	0.5%
1810	Pulp	24	0.0%
1821	Paper Mills	377	0.4%
1822	Chinese Paper Mills	60	0.1%
1830	Processed Paper	75	0.1%
1840	Paper Containers	385	0.4%
1890	Other Paper Products	81	0.1%
1910	Printing	534	0.6%
1920	Platemaking	113	0.1%
1930	Bookbinding	57	0.1%
1940	Printing Related Services	30	0.0%
2111	Basic Industrial Chemicals	185	0.2%
2112	Petrochemicals	164	0.2%
2113	Test Chemicals	0	
2114	Chemical Fertilizers	151	0.2%
2121	Man-made Fibers	172	0.2%
2122	Synthetic Resin and Plastic Materials	334	0.4%
2123	Synthetic Rubber	66	0.1%
2190	Other Chemical Materials	54	0.1%
2210	Paints, Varnishes, Lacquers and Related Products	215	0.2%
2222	Drugs and Medicines	288	0.3%
2224	Chinese Medicines	99	0.1%
2226	Pesticides and Herbicides	41	0.0%
2231	Soap and Cleaning Preparations	84	0.1%
2232	Perfumes and Cosmetics	104	0.1%
2291	Industrial Catalyzers	48	0.1%
2299	Miscellaneous Chemical Products Not Elsewhere Classified	234	0.3%
2310	Petroleum Refineries	82	0.1%
2390	Other Petroleum and Coal Products	78	0.1%
2401	Tires	180	0.2%
2402	Rubber Footwear	64	0.1%
2403	Industrial Rubber Products	160	0.2%
2409	Other Rubber Products	257	0.3%
2501	Plastic Sheets, Pipes and Tubes	512	0.6%
2502	Plastic Bags	221	0.2%
2503	Plastic Houseware	550	0.6%
2504	Plastic Footwear	188	0.2%
2505	Imitated Leather Products	268	0.3%
2509	Other Plastic Products	1032	1.1%
2610	Pottery, China and Earthenware Manufacturing	389	0.4%

File : salary1997

job: Industry

Value	Label	Cases	Percentage
2620	Glass and Glass Products Manufacturing	355	0.4%
2631	Cement	94	0.1%
2632	Concrete Mixing	212	0.2%
2633	Cement Products	82	0.1%
2650	Stone Products Manufacturing	149	0.2%
2691	Construction Clay Products	134	0.1%
2692	Industrial and Grinding Materials	41	0.0%
2699	Other Non-metallic Mineral Products Not Elsewhere Classified	174	0.2%
2711	Iron and Steel Refining	64	0.1%
2712	Steel Rolling	484	0.5%
2713	Steel Casting	174	0.2%
2714	Steel Forging	52	0.1%
2715	Secondary Steel Processing	223	0.2%
2716	Iron and Steel Heat Treating	78	0.1%
2717	Steel Surface Treating	101	0.1%
2721	Used Vehicles and Vessels Dismantling and Processing	71	0.1%
2731	Aluminum Refining and Smelting	48	0.1%
2732	Aluminum Casting	53	0.1%
2733	Secondary Aluminum Processing	154	0.2%
2741	Copper Refining	24	0.0%
2742	Copper Casting	41	0.0%
2743	Secondary Copper Processing	61	0.1%
2790	Other Non-ferrous Metal Basic Industries	77	0.1%
2810	Cutlery, Hand Tools and General Hardware	276	0.3%
2820	Metal Die	879	1.0%
2830	Structural Metal Products and Components	310	0.3%
2841	Aluminum Products	183	0.2%
2842	Copper Products	142	0.2%
2851	Powder Metallurgy	30	0.0%
2852	Metal Products Surface Treating	256	0.3%
2899	Other Fabricated Metal Products Not Elsewhere Classified	1607	1.8%
2910	Boiler, Engines and Turbines Manufacturing and Repairing	66	0.1%
2920	Agricultural and Horticulture Machinery	126	0.1%
2931	Metal Cutting Machinery	282	0.3%
2932	Metal Fabricating Machinery	190	0.2%
2941	Textile and Garment Producing Machinery	270	0.3%
2942	Food and Drink Processing Machinery	96	0.1%
2943	Chemical Processes Machinery	113	0.1%
2944	Plastic and Rubber Producing Machinery	197	0.2%
2945	Paper Making Machinery	72	0.1%
2949	Other Special Production Machinery	394	0.4%
2951	Building Machinery and Equipments	66	0.1%
2952	Mining Machinery and Equipments	36	0.0%

File : salary1997

job: Industry

Value	Label	Cases	Percentage
2953	Conveying Machinery and Equipments	187	0.2%
2960	Office Machinery	35	0.0%
2990	Other Machinery Manufacturing and Repairing Not Elsewhere Cl	966	1.1%
3111	Power Generation, Transmission and Distribution Machinery	561	0.6%
3112	Electric Wires and Cables	368	0.4%
3120	Electrical Appliances and Housewares Manufacturing	488	0.5%
3130	Lighting Equipments Manufacturing	239	0.3%
3140	Data Storage Media and Processing Equipments Manufacturing	1211	1.3%
3150	Video and Radio Electronic Products Manufacturing	1045	1.2%
3160	Communication Equipment and Apparatus Manufacturing	635	0.7%
3170	Electronic Parts and Components Manufacturing	3368	3.7%
3180	Batteries	76	0.1%
3190	Other Electrical and Electronic Machinery and Equipments	582	0.6%
3211	Ship Building and Repairing	145	0.2%
3212	Ship Machinery and Parts	30	0.0%
3213	Floating Structures	0	
3221	Railroad Cars	36	0.0%
3222	Railroad Car Parts	23	0.0%
3231	Motor Vehicles	249	0.3%
3232	Motor Vehicle Parts	960	1.1%
3241	Motorcycles	66	0.1%
3242	Motorcycle Parts	181	0.2%
3251	Bicycles	92	0.1%
3252	Bicycle Parts	304	0.3%
3261	Aircrafts and Parts Manufacturing and Repairing	59	0.1%
3262	Aircraft Parts	86	0.1%
3290	Other Transport Equipments	45	0.0%
3311	Scientific, Measuring and Controlling Equipments	124	0.1%
3312	Industrial Calibrating Tools	40	0.0%
3313	Photographic Equipments	385	0.4%
3320	Watches and Clocks	175	0.2%
3330	Medical Equipments	99	0.1%
3390	Other Precision Instruments	28	0.0%
3901	Jewelry and Related Articles	74	0.1%
3902	Musical Instruments	64	0.1%
3903	Sporting and Athletic Articles	519	0.6%
3904	Stationery Articles	184	0.2%
3905	Toys	200	0.2%
3906	Ice Making	89	0.1%
3909	Other Miscellaneous Industrial Products	515	0.6%
4100	Electricity, Gas, and Water Supply	431	0.5%
4501	Basic Civil Structure Construction	3855	4.3%
4600	Buildings Construction	2349	2.6%

File : salary1997

job: Industry

Value	Label	Cases	Percentage
4700	Electricity, Water, Gas and Other Pipe Lines Construction	2509	2.8%
4800	Painting, Coating, Mounting and Matting	753	0.8%
4900	Other Construction	1057	1.2%
5100	Wholesale Trade	2823	3.1%
5300	Retail Trade	4012	4.4%
5611	Department Stores	184	0.2%
5700	Foreign Trade	2502	2.8%
5800	Eating and Drinking Place	1116	1.2%
6110	Railway Transport and Bus Transport	571	0.6%
6115	Chartered Bus Transport	558	0.6%
6118	Truck Freight Transport	2765	3.1%
6120	Ocean Water Transport and Harbor Services	395	0.4%
6140	Air Transport	415	0.5%
6150	Transport Services	2106	2.3%
6200	Storage and Warehousing	364	0.4%
6300	Postal Services and Telecommunications	30	0.0%
6512	Domestic Banks	564	0.6%
6513	Foreign Banks	450	0.5%
6514	Trust and Investment	84	0.1%
6530	Credit Cooperatives	819	0.9%
6540	Credit Departments of Farmers and Fishermen Associations	3693	4.1%
6599	Other Financing Not Elsewhere Classified	304	0.3%
6710	Personal and other Insurance	408	0.5%
6720	Property and Liability Insurance	287	0.3%
6800	Real Estate	656	0.7%
7110	Legal Services	131	0.1%
7120	Accounting Services	164	0.2%
7200	Architectural Services	299	0.3%
7300	Merchandise Brokerage	134	0.1%
7400	Consultation Services	376	0.4%
7500	Data Processing and Information Services	250	0.3%
7600	Advertising Services	383	0.4%
7700	Commercial Designs	155	0.2%
7800	Rental and Leasing	241	0.3%
7900	Other Business Services	384	0.4%
8100	Sanitary and Pollution Controlling Services	462	0.5%
8230	Medical and Health Services	3640	4.0%
8300	Publishing	496	0.5%
8400	Motion Picture Production, Literature and Art Producing, and	804	0.9%
8500	Radio and Television Broadcasting	288	0.3%
8800	Hotel, Room Houses, Camps and Other Lodging Places	1317	1.5%
8912	Repair of Automobiles, Motorcycles and Bicycles	1226	1.4%
8930	Cleaning and Dyeing	318	0.4%

File : salary1997

job: Industry

Value	Label	Cases	Percentage
8991	Barber and Beauty Shops	873	1.0%
8999	Other Personal Services Not Elsewhere Classified	503	0.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

id: Sample ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=90225 /-] [Invalid=0 /-]

a6_11: The number of male salaried professional employees (staff, supervisors and technicians) as of the end of this month: regular employees

Information	[Type= continuous] [Format=numeric] [Range= 0-15756] [Missing=*]
Statistics [NW/ W]	[Valid=78722 /-] [Invalid=11503 /-] [Mean=39.265 /-] [StdDev=263.317 /-]

a7_11: The number of male salaried professional employees (staff, supervisors and technicians) as of the end of this month: temporary employees

Information	[Type= continuous] [Format=numeric] [Range= 0-180] [Missing=*]
Statistics [NW/ W]	[Valid=78722 /-] [Invalid=11503 /-] [Mean=0.136 /-] [StdDev=2.744 /-]

a8_11: Total working hours correspond to previous number of male salaried professional employees (staff, supervisors and technicians): regular working hours

Information	[Type= continuous] [Format=numeric] [Range= 2-2944580] [Missing=*]
Statistics [NW/ W]	[Valid=78722 /-] [Invalid=11503 /-] [Mean=6903.84 /-] [StdDev=46237.241 /-]

a9_11: Total working hours correspond to previous number of male salaried professional employees (staff, supervisors and technicians): overtime working hours

Information	[Type= continuous] [Format=numeric] [Range= 0-137828] [Missing=*]
Statistics [NW/ W]	[Valid=78722 /-] [Invalid=11503 /-] [Mean=384.736 /-] [StdDev=2458.566 /-]

a10_11: Total gross monthly earnings correspond to previous number of male salaried professional employees (staff, supervisors and technicians): regular earnings (NT$)

Information	[Type= continuous] [Format=numeric] [Range= 1000-1039457337] [Missing=*]
Statistics [NW/ W]	[Valid=78722 /-] [Invalid=11503 /-] [Mean=2176950.35 /-] [StdDev=17096608.029 /-]

a11_11: Total gross monthly earnings correspond to previous number of male salaried professional employees (staff, supervisors and technicians): overtime pay(NT$)

Information	[Type= continuous] [Format=numeric] [Range= 0-40917847] [Missing=*]
Statistics [NW/ W]	[Valid=78722 /-] [Invalid=11503 /-] [Mean=92082.618 /-] [StdDev=737052.113 /-]

a12_11: Total gross monthly earnings correspond to previous number of male salaried professional employees (staff, supervisors and technicians): other irregular earnings (NT$)

Information	[Type= continuous] [Format=numeric] [Range= 0-2635609088] [Missing=*]
Statistics [NW/ W]	[Valid=78722 /-] [Invalid=11503 /-] [Mean=561508.29 /-] [StdDev=16256200.393 /-]

a6_12: The number of female salaried professional employees (staff, supervisors and technicians) as of the end of this month: regular employees

Information	[Type= continuous] [Format=numeric] [Range= 0-2418] [Missing=*]
Statistics [NW/ W]	[Valid=70718 /-] [Invalid=19507 /-] [Mean=23.288 /-] [StdDev=81.409 /-]

File : salary1997

# a7_12: The number of female salaried professional employees (staff, supervisors and technicians) as of the end of this month: temporary employees	
Information	[Type= continuous] [Format=numeric] [Range= 0-163] [Missing=*]
Statistics [NW/ W]	[Valid=70718 /-] [Invalid=19507 /-] [Mean=0.12 /-] [StdDev=2.318 /-]
# a8_12: Total working hours correspond to previous number of female salaried professional employees (staff, supervisors and technicians): regular working hours	
Information	[Type= continuous] [Format=numeric] [Range= 9-464256] [Missing=*]
Statistics [NW/ W]	[Valid=70718 /-] [Invalid=19507 /-] [Mean=4172.712 /-] [StdDev=14976.949 /-]
# a9_12: Total working hours correspond to previous number of female salaried professional employees (staff, supervisors and technicians): overtime working hours	
Information	[Type= continuous] [Format=numeric] [Range= 0-190568] [Missing=*]
Statistics [NW/ W]	[Valid=70718 /-] [Invalid=19507 /-] [Mean=168.091 /-] [StdDev=1275.378 /-]
# a10_12: Total gross monthly earnings correspond to previous number of female salaried professional employees (staff, supervisors and technicians): regular earnings (NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 3871-148414182] [Missing=*]
Statistics [NW/ W]	[Valid=70718 /-] [Invalid=19507 /-] [Mean=880419.448 /-] [StdDev=3901267.066 /-]
# a11_12: Total gross monthly earnings correspond to previous number of female salaried professional employees (staff, supervisors and technicians): overtime pay(NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 0-15881050] [Missing=*]
Statistics [NW/ W]	[Valid=70718 /-] [Invalid=19507 /-] [Mean=29687.79 /-] [StdDev=234609.417 /-]
# a12_12: Total gross monthly earnings correspond to previous number of female salaried professional employees (staff, supervisors and technicians): other irregular earnings (NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 0-299428192] [Missing=*]
Statistics [NW/ W]	[Valid=70718 /-] [Invalid=19507 /-] [Mean=185807.632 /-] [StdDev=2675836.115 /-]
# a6_21: The number of male personnel (non-supervisors and non-technicians) as of the end of this month: regular employees	
Information	[Type= continuous] [Format=numeric] [Range= 0-16194] [Missing=*]
Statistics [NW/ W]	[Valid=80858 /-] [Invalid=9367 /-] [Mean=66.929 /-] [StdDev=364.733 /-]
# a7_21: The number of male personnel (non-supervisors and non-technicians) as of the end of this month: temporary employees	
Information	[Type= continuous] [Format=numeric] [Range= 0-2249] [Missing=*]
Statistics [NW/ W]	[Valid=80858 /-] [Invalid=9367 /-] [Mean=1.531 /-] [StdDev=28.793 /-]
# a8_21: Total working hours correspond to previous number of male personnel (non-supervisors and non-technicians): regular working hours	
Information	[Type= continuous] [Format=numeric] [Range= 2-3619852] [Missing=*]
Statistics [NW/ W]	[Valid=80858 /-] [Invalid=9367 /-] [Mean=11992.559 /-] [StdDev=68154.301 /-]
# a9_21: Total working hours correspond to previous number of male personnel (non-supervisors and non-technicians) : overtime working hours	
Information	[Type= continuous] [Format=numeric] [Range= 0-242486] [Missing=*]
Statistics [NW/ W]	[Valid=80858 /-] [Invalid=9367 /-] [Mean=1197.762 /-] [StdDev=6151.805 /-]

File : salary1997

# a10_21: Total gross monthly earnings correspond to previous number of male personnel (non-supervisors and non-technicians): regular earnings(NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 2000-859978341] [Missing=*]
Statistics [NW/ W]	[Valid=80858 /-] [Invalid=9367 /-] [Mean=2368043.321 /-] [StdDev=16967259.775 /-]
# a11_21: Total gross monthly earnings correspond to previous number of male personnel (non-supervisors and non-technicians): overtime pay(NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 0-53448113] [Missing=*]
Statistics [NW/ W]	[Valid=80858 /-] [Invalid=9367 /-] [Mean=191184.94 /-] [StdDev=1177656.439 /-]
# a12_21: Total gross monthly earnings correspond to previous number of male personnel (non-supervisors and non-technicians): other irregular earnings(NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 0-2092187686] [Missing=*]
Statistics [NW/ W]	[Valid=80858 /-] [Invalid=9367 /-] [Mean=556124.757 /-] [StdDev=13748366.245 /-]
# a6_22: The number of female personnel (non-supervisors and non-technicians) as of the end of this month: regular employees	
Information	[Type= continuous] [Format=numeric] [Range= 0-8165] [Missing=*]
Statistics [NW/ W]	[Valid=75607 /-] [Invalid=14618 /-] [Mean=57.516 /-] [StdDev=225.779 /-]
# a7_22: The number of female personnel (non-supervisors and non-technicians) as of the end of this month: temporary employees	
Information	[Type= continuous] [Format=numeric] [Range= 0-1644] [Missing=*]
Statistics [NW/ W]	[Valid=75607 /-] [Invalid=14618 /-] [Mean=2.004 /-] [StdDev=26.913 /-]
# a8_22: Total working hours correspond to previous number of female personnel (non-supervisors and non-technicians): regular working hours	
Information	[Type= continuous] [Format=numeric] [Range= 0-1558164] [Missing=*]
Statistics [NW/ W]	[Valid=75607 /-] [Invalid=14618 /-] [Mean=10651.985 /-] [StdDev=41272.3 /-]
# a9_22: Total working hours correspond to previous number of female personnel (non-supervisors and non-technicians): overtime working hours	
Information	[Type= continuous] [Format=numeric] [Range= 0-274828] [Missing=*]
Statistics [NW/ W]	[Valid=75607 /-] [Invalid=14618 /-] [Mean=744.78 /-] [StdDev=4518.504 /-]
# a10_22: Total gross monthly earnings correspond to previous number of female personnel (non-supervisors and non-technicians): regular earnings(NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 0-437311794] [Missing=*]
Statistics [NW/ W]	[Valid=75607 /-] [Invalid=14618 /-] [Mean=1589582.406 /-] [StdDev=9289144.587 /-]
# a11_22: Total gross monthly earnings correspond to previous number of female personnel (non-supervisors and non-technicians): overtime pay(NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 0-36343762] [Missing=*]
Statistics [NW/ W]	[Valid=75607 /-] [Invalid=14618 /-] [Mean=98555.791 /-] [StdDev=675449.24 /-]
# a12_22: Total gross monthly earnings correspond to previous number of female personnel (non-supervisors and non-technicians): other irregular earnings(NT$)	
Information	[Type= continuous] [Format=numeric] [Range= 0-1053108954] [Missing=*]
Statistics [NW/ W]	[Valid=75607 /-] [Invalid=14618 /-] [Mean=349725.776 /-] [StdDev=7433915.456 /-]

File : salary1997

a6_70: Number of employees at the end of this month: total number of regular employees

Information	[Type= continuous] [Format=numeric] [Range= 0-34910] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=160.692 /-] [StdDev=740.518 /-]

a7_70: Number of employees at the end of this month: total number of temporary employees

Information	[Type= continuous] [Format=numeric] [Range= 0-3893] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=3.265 /-] [StdDev=50.868 /-]

a8_70: Total working hours correspond to previous number of employees: total number of regular working hours

Information	[Type= continuous] [Format=numeric] [Range= 5-6493705] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=28968.213 /-] [StdDev=135005.17 /-]

a9_70: Total working hours correspond to previous number of employees: total number of overtime working hours

Information	[Type= continuous] [Format=numeric] [Range= 0-630751] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=2164.984 /-] [StdDev=10805.767 /-]

a10_70: Total gross monthly earnings correspond to previous number of employees: total number of regular earnings(NT$)

Information	[Type= continuous] [Format=numeric] [Range= 5000-2064962425] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=6043782.052 /-] [StdDev=38928916.253 /-]

a11_70: Total gross monthly earnings correspond to previous number of employees: total number of overtime pay(NT$)

Information	[Type= continuous] [Format=numeric] [Range= 0-112321025] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=357540.439 /-] [StdDev=2179326.44 /-]

a12_70: Total gross monthly earnings correspond to previous number of employees: total number of other irregular earnings(NT$)

Information	[Type= continuous] [Format=numeric] [Range= 0-5218146229] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=1427024.429 /-] [StdDev=34180848.5 /-]

b8: Comparing of the operating status(productivity or work load) with previous month

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Better	14772	16.4%
2	Unchanged	59491	65.9%
3	Worse	14758	16.4%
4	Termination of business (termination of production or non-un	1203	1.3%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

b9: Main way of calculating salary for most production workers (or construction workers) in your organization

Information	[Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
0	Not applicableable	37540	41.6%
1	Monthly pay	30266	33.5%

File : salary1997

b9: Main way of calculating salary for most production workers (or construction workers) in your organization

Value	Label	Cases	Percentage
2	Daily pay	17910	19.9%
3	Hourly pay	531	0.6%
4	Piece rate pay	3977	4.4%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

b15: The payment of irregular earnings for this month: annual(seasoning) bonus or personal bonus(check all that apply)

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
0	No	80902	89.7%
1	Yes	9322	10.3%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

b16: The payment of irregular earnings for this month: irregular working(efficiency) bonus(check all that apply)

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
0	No	79165	87.7%
1		1	0.0%
2	Yes	11057	12.3%
3		1	0.0%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

b17: The payment of irregular earnings for this month: none(efficiency) bonus(check all that apply)

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
0	No	19687	21.8%
3	Yes	70537	78.2%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

b18: Across-the-board regular earnings increase this month

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Pay increase among all	3584	4.0%
2	Pay increase for supervisory, technical & staff employees	1113	1.2%
3	Pay increase for non-supervisors and non-technicians	1162	1.3%
4	None	84365	93.5%
Sysmiss		1	

File : salary1997

b18: Across-the-board regular earnings increase this month

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

b19: Unfilled vacancies this month

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Yes	11065	12.3%
2	No	79157	87.7%
3		2	0.0%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

b20: Number of unfilled vacancies

Information	[Type= continuous] [Format=numeric] [Range= 0-1300] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=1.496 /-] [StdDev=11.635 /-]

c6: Number of accessions: newly hired

Information	[Type= continuous] [Format=numeric] [Range= 0-984] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=2.919 /-] [StdDev=14.191 /-]

c7: Number of accessions: recall

Information	[Type= continuous] [Format=numeric] [Range= 0-256] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=0.0907 /-] [StdDev=2.544 /-]

# c8: Number of accessions: others	
Information	[Type= continuous] [Format=numeric] [Range= 0-318] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=0.135 /-] [StdDev=2.766 /-]
# c9: Number of separations: quit	
Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=2.443 /-] [StdDev=11.081 /-]
# c10: Number of separations: lay off	
Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=0.14 /-] [StdDev=5.631 /-]
# c12: Number of separations: retirement(incl. benefited retirement)	
Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=0.295 /-] [StdDev=5.958 /-]
# c14: Staff, supervisory and technical employees working days:__days per person	
Information	[Type= continuous] [Format=numeric] [Range= 0-31] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=21.847 /-] [StdDev=6.909 /-]
# c16: Non-supervisors and non-technicians working days:__days per person	
Information	[Type= continuous] [Format=numeric] [Range= 0-40] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=22.648 /-] [StdDev=5.56 /-]
# c17: Staff, supervisory and technical employees:__hours per day	
Information	[Type= continuous] [Format=numeric] [Range= 0-90] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=7.372 /-] [StdDev=2.251 /-]
# c18: Non-supervisors and non-technicians:__hours per day	
Information	[Type= continuous] [Format=numeric] [Range= 0-80] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=7.687 /-] [StdDev=1.72 /-]
# c19: Number of employees:__(at the end of last month)	
Information	[Type= continuous] [Format=numeric] [Range= 0-35000] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=163.704 /-] [StdDev=760.803 /-]
# c21: Average daily payment to each skilled construction worker in construction: NT$ (only in Construction)	
Information	[Type= continuous] [Format=numeric] [Range= 0-4999] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=156.753 /-] [StdDev=540.039 /-]
# c22: Average daily payment to each low-skilled construction worker in construction: NT$(only in Construction)	
Information	[Type= continuous] [Format=numeric] [Range= 0-2796] [Missing=*]
Statistics [NW/ W]	[Valid=90224 /-] [Invalid=1 /-] [Mean=103.61 /-] [StdDev=373.448 /-]