

**THE INSTRUCTION FOR CODING OF POPULATION AND HOUSING CENSUS  
THE PEOPLE'S REPUBLIC OF MONGOLIA**

**One. GENERAL PROVISION**

This instruction shall be used to process data collected by census questionnaire, household sheet, survey on unemployed ones with working ability in working age and survey on females. The instruction consists of 3 sections and annexes. Namely,

- Section I. Instruction to code indicators of census questionnaire
- Section II. Instruction to code indicators of household sheet
- Section III. Instruction to code indicators of unemployed ones with working ability in working age and survey on females

Annexes:

- Annex No1. The classification of administrative units
- Annex No 2. The lists of cities and villages
- Annex No 3. The codes for ethnic groups
- Annex No 4. The codes for countries
- Annex No 5. The classification of national economy
- Annex No 6. The classification list of employment
- Annex No 7. The classification list of occupation
- Annex No 8. Lists of sources of living
- Annex No 9. Relationship to the household head

If coders have any unclear or disputable things, they shall be informed to the section of population census and solved them immediately.

**Section I**

**Instruction to code indicators of census questionnaire**

1. The indicators of census questionnaire, which to be coded and checked

Name of the indicators	Number of digits	To be coded – C To be checked - Ch	Annex to be used
1. Aimags and cities	1	C	1
2. Whether they obtained registration number or not	1	Ch	
3. Address /urban, rural/	1	Ch	1, 2
4. Cities and villages /soum and khoroo/	1	C	2
5. District/khoroo//soum center, brigade, section, farm and countryside	1	C	1, 2
6. Birth place /aimag/city/	1	C	1
7. Birth place /soum/district/	1	C	1
8. Ethnicity	1	C	3
9. Citizenship	1	C	4
10. Working place, studying schools	1	C	5
11. Job	1	C	6
12. Occupation/Profession	1	C	7

2. Aimag and city

It shall fill up codes see the annex No 1.

3. Whether they obtained registration number or not Coders shall be filled up registration number of all people who have got registration number in respective space/it excluded people without any paper, which to see their registration number/.

If respondent has not get registration number or not any paper which to see his registration number, enumerator shall be asked whether they got registration number or not in this case and specified in respective space. Thus coder shall be checked as follows and made a correction if there is any mistake:

1. RN filled up
2. They got RN, in these two cases enumerator shall be wrote "0" in respective cell;
3. They did not get RN
4. Enumerator left blank, in these two cases it will be "1" in respective cell.

4. Address /urban, rural/ Annex No 2 shall be used when the coders check whether coders wrote address correct or not. If specified administrative unit mentioned in annex No 2, it will be wrote urban address. If not mentioned in the annex, it will be specified by rural address.

5. Cities and villages /soum and khoroo/ There uses annex No 1. If this code filled up wrong, people live in one administrative unit can be shifted to another unit, hence coders need to take more consideration.

6. District/khoroo//soum center, brigade, section, farm and countryside Coders shall be used annex No 1.

7. Birth place /aimag/city/soum/district Coders shall be used annex No 1.

8. Ethnicity Coders shall fill up codes from the annex No 3. The ethnic groups, who are Mongolian citizens not specified in the annex, will be coded "23" and other nationalities, who are foreign citizens will be coded "26".

9. Citizenship Coders shall fill up ciphers from the annex No 4. Other countries, which are not specified in the annex, they will be, coded "16".

10. Working place, studying schools Coders shall fill up ciphers from the annex No 5. Coders shall be found out working place or studying school of respondent from the annex first, then filled up appropriate code in the census questionnaire.

11. Job Coders shall fill up ciphers from the annex No 6. Coders shall be found out job of respondent from the annex first, then filled up appropriate code in the census questionnaire.

12. Occupation Coders shall be used annex No 7.

**Section II**  
**Instruction to code indicators of household sheet**

1. The indicators of census questionnaire, which to be coded and checked

Name of the indicators	Number of digits	To be coded – C To be checked - Ch	Annex to be used
1. Aimags and cities	1	C	1
2. Whether they obtained registration number or not	1	C	1, 2
3. Family members	2	Ch	-
4. Employed	2	Ch	-
5. Children aged 0-16 years	2	Ch	-
6. Household head:			
- job	3	C	6
- source of living	1	C	8
7. Other members of household:			
- relationship to the household head	2	C	9
- job	3	C	6
- source of living	1	C	8

2. Aimag/city/soum/khoroo/district

It shall fill up codes see the annex No 1.

3. Household members, out of which, employed members and children aged below 16

The family size should not less than the number of residents in particular household /sum of household heads and temporary absent ones and visitors excluded/.

Number of employed people should equal to number of employed members from the residents of particular household /including temporary absent ones/. Number of children aged 0-16 shall be equal to the number of children, who are counted children aged below 16 in 2-16<sup>th</sup> rows of the questionnaire. Supervisor and enumerator should check this two numbers counting from the household head and other resident members recorded in 1-16<sup>th</sup> rows.

4. Employment

Coders shall fill up ciphers from the annex No 6. Coders shall be found out employment recorded in household sheet first, and then filled up appropriate code in the census questionnaire.

5. Sources of living Coders shall fill up ciphers from the annex No 8.

6. Relationship to the household head Coders shall fill up ciphers from the annex No 9.

**Section III.**  
**Instruction to code indicators of**  
**unemployed ones with working ability in working age and survey on females**

1. The indicators of census questionnaire, which to be coded and checked

Name of the indicators	Number of digits	To be coded – C To be checked - Ch	Annex to be used
A. Survey on unemployed ones with working ability in working age			
1. Aimags and cities	1	C	1
2. Soum, khoroo and district	1	C	1
3. Able to work which profession or qualification	3	C	7
B. Survey of females			
1. Aimags and cities	1	C	1
2. Soum, khoroo and district	1	C	1
3. Ethnicity	2	C	3
4. Working place and job	3	C	6
5. Occupation	3	C	7

2. Aimag/city/soum/khoroo/district

It shall fill up codes see the annex No 1.

3. Occupation Coders shall fill up ciphers from the annex No 7.

4. Ethnicity Coders shall fill up ciphers from the annex No 3.

5. Working place and job Coders shall fill up ciphers from the annex No 6. Female respondents, who were covered in the survey of females have responded name of the employing industries, agricultural establishments, institutions and agricultural cooperatives. Coders should use appropriate ciphers based on those answers. Coders shall be determined respondents run which kind of jobs first, and then found out appropriate ciphers from the annex No 6, and filled up appropriate code in the census questionnaire.

## Administrative units to be used to produce population census results

Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code
<b>1. Arkhangai</b>	<b>A</b>	<b>2. Bayan-Olgii</b>	<b>B</b>	<b>3. Bayankhongor</b>	<b>C</b>	<b>4. Bulgan</b>	<b>D</b>
Battsengel	A	Altai	A	Bayanbulag	A	Bayan-Agt	A
Bulgan	B	Altantsogts	B	Bayangovi	B	Bugat	B
Ikhtamir	C	Bayannuur	C	Bayanlig	C	Buregkhangai	C
Ondor-Ulaan	D	Bugat	D	Bayan-Ovoo	D	Gurvanbuleg	D
Olziit	E	Bulgan	E	Bayan-Ondor	E	Dashinchilen	E
Ogiinuur	F	Buyant	F	Bayantsagaan	F	Mogod	F
Tariat	G	Deluun	G	Baatsagaan	G	Orkhon	G
Khangai	H	Nogoonuur	H	Bogd	H	Saikhan	H
Tariat	I	Sagsai	I	Bombogor	I	Selenge	I
Tovshruulekh	J	Tolbo	J	Buutsagaan	J	Teshig	J
Khangai	K	Ulaamkhus	K	Galut	K	Khangal	K
Khairkhan	L	Tsengel	L	Gurvanbulag	L	Khishig-Ondor	L
Khashaat	M	Tsagaannuur	M	Jargalant	M	Khutag-Ondor	M
Khotont	N	Olgii town	N	Jinst	N	Bayannuur	N
Tsetserleg	O	Nuurst khotgor	O	Zagast	O	Rashaant	O
Tsenkher	P	Ulaan-Uul	P	Olziit	P	Bulgan town	P
Chuluut	Q			Khureemaraal	Q	Saikhan-Ovoo	Q
Erdenemandal	R			Shinejinst	R		
Tsetserleg town	S			Erdenetsogt	S		
				Bayankhongor	T		
Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code
<b>5. Gobi-Altai</b>	<b>E</b>	<b>6. Dornogobi</b>	<b>F</b>	<b>7. Dornod</b>	<b>G</b>	<b>8. Dundgobi</b>	<b>H</b>
Altai	A	Airag	A	Bayandun	A	Adaatsag	A
Bayan-Uul	B	Altanshiree	B	Bayantumen	B	Bayanjargalan	B
Biger	C	Dalanjargalan	C	Bayan uul	C	Gobi-Ugtaal	C
Bugat	D	Delgerekh	D	Bulgan	D	Gurvansaikhan	D
Darvi	E	Ikhkhet	E	Gurvanzagal	E	Delgerkhangai	E
Delger	F	Mandakh	F	Dashbalbar	F	Delgertsogt	F
Jargalan	G	Orgon	G	Matad	G	Deren	G
Taishir	H	Saikhandulaan	H	Sergelen	H	Luus	H
Tonkhil	I	Ulaanbadrakh	I	Sumber	I	Olziit	I
Togrog	J	Khatanbulag	J	Khalkhgol	J	Ondorshil	J
Khaliun	K	Khuvsgul	K	Kholonbuir	K	Sain tsagaan	K
Khokhmorit	L	Erdene	L	Tsagaan ovoo	L	Saikhan ovoo	L
Tsogt	M	Zamiin-Uud	M	Choibalsan	M	Khuld	M
Tseel	N	Zuun bayan	N	Chuluun khoroot	N	Tsagaandelger	N
Chandmana	O	Sainshand/khoroo/	O	Ereen /khoroo/	O	Erdene dalai	O
Sharga	P	Khajuu ulaan	P	Choibalsantown	P	Mandalgobi /town/	P
Erdenet	Q	Sain shand town	Q				
Guulin /khoroo/	R	Orgon	R				
Altai town	S	Choir	S				
		Ulaan-Uul	T				
		Khar-Airag	U				

**Population and Housing Census 1989**

Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code
<b>9. Zavkhan</b>	<b>I</b>	<b>10. Uvurkhangai</b>	<b>J</b>	<b>11. Umnugobi</b>	<b>K</b>	<b>12. Sukhbaatar</b>	<b>L</b>
Aldarkhaan	A	B-Bayan-Ulaan	A	Bayandalai	A	Asgat	A
Bayantes	B	Bat-Ulzii	B	Bayan ovoо	B	Bayandelger	B
Bayankhairkhan	C	Bayangol	C	Bulgan	C	Dariganga	C
Bulnai	D	Bayan-Onдор	D	Gurvantes	D	Monkhkhaan	D
Dorvoljin	E	Bogd	E	Mandal-ovoo	E	Naran	E
Zavkhanmandal	F	Burd	F	Manlai	F	Ongon	F
Idер	G	Guchin us	G	Nomgon	G	Sukhbaatar	G
Ikh uul	H	Zuil	H	Noyon	H	Tuvshinshiree	H
Nomrog	I	Z-Bayan-Ulaan	I	Sevrei	I	Tumentsogt	I
Otgon	J	Nariin teel	J	Khanbogd	J	Uulbayan	J
Santmargats	K	Olziit	K	Khankhongor	K	Khalzan	K
Songino	L	Sant	L	Khurmen	L	Erdenetsagaan	L
Tudevtei	M	Taragt	M	Tsogt ovoо	M	Burentsoгt	M
Telmen	N	Togrog	N	Tsogt tsetsii	N	Baruun-Urt	N
Tes	O	Uyanga	O	Dalanzadgad	O		
Urgamal	P	Khairkhandulaan	P	Tavan tolgoi	P		
Tsagaankhairkhan	Q	Kharkhorin	Q				
Tsagaanchuluut	R	Khujirt	R				
Tsetsen-uul	S	Bayanteel /khoroo/	S				
Shiluustei	T	Dolgoon /khoroo/	T				
Erdenekhairkhan	U	Ikh-Uul /khoroo/	U				
Yaruu	V	Arvaikheer /town/	V				
Asgat	W						
Tosontsengel	Y						
Uliastai	X						

Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code
<b>13. Selenge</b>	<b>M</b>	<b>14. Tov</b>	<b>N</b>	<b>15. Uvs</b>	<b>O</b>	<b>16. Khovd</b>	<b>P</b>
Altanbulag	A	Altanbulag	A	Baruunturuun	A	Altai	A
Bayangol	B	Batsumber	B	Bokhmoron	B	Bulgan	B
Baruunburen	C	Bayan	C	Davst	C	Buyant	C
Dulaankhaan	D	Bayan-Onjuul	D	Zavkhan	D	Darvi	D
Eroo	E	Bayanjargalan	E	Zuungobi	E	Duut	E
Zuun buren	F	Bayantsagaan	F	Zuunkhangai	F	Zereg	F
Zuunkharaa	G	Bayantsogt	G	Malchin	G	Mankhan	G
Mandal	H	Bornuur	H	Naranbulag	H	Myangad	H
Orkhon	I	Buren	I	Ulgii	I	Most	I
Orkhontuul	J	Delgerkhaan	J	Umnugobi	J	Monkhkhairkhan	J
Sant	K	Jargalant	K	Ondorkhangai	K	Uench	K
Tushig	L	Zaamar	L	Sagil	L	Khovd	L
Shaamar	M	Lun	M	Tarialan	M	Tsetseg	M
Khuder	N	Mongonmorit	N	Turgen	N	Chandmana	N
Tunkhel /khoroo/	O	Ondorshireet	O	Tes	O	Erdeneburen	O
Eroo /khoroo/	P	Sergelen	P	Khovd	P	Dorgon	P
Javkhlant	Q	Ugtaal tsaidam	Q	Khyargas	Q	Khovd /town/	Q
Saikhan	R	Erdene	R	Kharkhiraa	R	Khoshoot	R
Tsagaannuur	S	Erdenesant	S	Tsagaankhairkhan	S		
Khushaat	T	Bayanchandmana	T	Ulaangom	T		
Sukhbaatar /town/	U	Bayandelger	U	Khar tarvagatai	U		
Baruunkharaa	V	Sumber	V	Nuurst khotgor	V		
		Tseel	W				
		Bayankhangai	Y				
		Argalant	X				
		Arkhusl	Z				
		Zuun mod	AA				
		Mandal	AB				
		Manit	AC				

**Population and Housing Census 1989**

Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code	Name of aimag and soum	Code
<b>17. Khuvsgul</b>	<b>Q</b>	<b>18. Khentii</b>	<b>R</b>	<b>19. Darkhan</b>	<b>S</b>	<b>21. Erdenet</b>	<b>U</b>
Alag-Erdene	A	Batnorov	A	Darkhan	A	Bayan ondor	A
Arbulag	B	Batshireet	B	Nairamdai	B	Jargalant	B
Bayanzurkh	C	Bayanadruga	C	Shariin gol	C	Nairamdai	C
Burentogtokh	D	Bayan monkh	D	Orkhon khoroo	D	Khyalganat	D
Galt	E	Bayankhutag	E	Salkhit	E		
Jargalant	F	Binder	F	Khongor	F		
Ikh-Uul	G	Gurvan bayan	G	Khotol	G		
Rashaant	H	Galshar	H	<b>20. Ulaanbaatar</b>	<b>T</b>		
Renchinikhumbé	I	DAdal	I	Gachuurt	A		
Tarialan	J	Darkhan	J	Partizan	B		
Tosontsengel	K	Delgerkhaan	K	Tuul	C		
Tomorbulag	L	Jargalkhaan	L	Baganuur	D		
Tunel	M	Moron	M	Nalaikh	E		
Ulaan-uul	N	Norovlin	N	Ajilchin	F		
Khankh	O	Omnodelger	O	Nairamdai	G		
Tsagaan-Uul	P	Kherlen	P	October	H		
Tsagaan Uur	Q	Tsenkhermandal	Q	Sukhbaatar	I		
Tsetserleg	R	Berkh	R				
Chamdmana ondor	S	Kherlenbayan ulaan	S				
Shine ider	T	Olziit	T				
Khatgal	U	Kherlen /khoroo/	U				
Tsagaannuur	V	Ondorkhaan	V				
Erdenebulgan	W	Chandgana	W				
Moron	Y						
Mogoin gol	X						

## The list of cities and villages of People's Republic of Mongolia

Name of city	Code	Located aimag and soum
Ulaanbaatar	T	
Darkhan	S	
Erdenet	U	
Shariin gol	C	
Nalaikh	E	
Tsetserleg	S	Arkhangai aimag
Ulgii	N	Bayan-Ulgii aimag
Bayankhongor	T	Bayankhongor aimag
Bulgan	P	Bulgan aimag
Altai	S	Gobi-altai aimag
Sainshand	Q	Dornogobi aimag
Choibalsan	P	Dornod aimag
Mandalgobi	P	Dundgobi aimag
Uliastai	X	Zavkhan aimag
Tosontsengel	Y	Zavkhan aimag
Arvaikheer	V	Uvurkhangai aimag
Dalanzadgad	O	Umnugobi aimag
Baruun-Urt	N	Sukhbaatar aimag
Sukhbaatar	U	Selenge aimag
Zuunkharaa	G	Selenge aimag
Zuunmod	AA	Tuv aimag
Ulaangom	T	Uvs aimag
Khovd	Q	Khovd aimag
Moron	Y	Khuvsgul aimag
Khatgal	U	Khuvsgul aimag
Ondorkhaan	V	Khentii aimag



B. Villages

Name of village	Code	Located aimag and soum
Tsagaannuur /transshipment point/	M	Bayan-Ulgii aimag
Nuurst khotgor /mining/	O	Bayan-Ulgii, Nogoonnuur soum
Ulaan uul /expedition/	P	Bayan-Ulgii, Nogoonnuur soum
Saikhan ovoo /Coal mining/	Q	Bulgan, Saikhan soum
Khajuu ulaan /mining/	P	Dornogobi
Orgon /mining/	G	Dornogobi, Orgon soum
Zamiin uud /Railway station/	M	Dornogobi aimag
Choir /Railway station/	S	Dornogobi, Sumber soum
Ulaan uul /Railway station/	T	Dornogobi, Erdene soum
Khar airag /mining/	U	Dornogobi aimag
Zuunbayan	N	Dornogobi aimag
Sainshand khoroo /Railway station/	O	Dornogobi aimag
Ereen /industry/	O	Dornod aimag
Bayan teeg /mining/	S	Uvurkhangai aimag
Dolgoon/manufacture for building wall materials/	T	Uvurkhangai aimag
Ikh uul	U	Uvurkhangai aimag
Khar khorin /industry and transport/	Q	Uvurkhangai aimag
Tavantolgoi /Coal mining/	P	Umnugobi, Tsogt tsetsii soum
Baruun kharaa /Railway station/	V	Selenge, Bayangol soum
Dulaankhaan /sawn wood factory/	D	Selenge aimag
Tunkhel /sawn wood factory/	O	Selenge aimag
Eroo /sawn wood factory/	P	Selenge aimag
Mandal /pioneer's summer camp and state nursing home/	AB	Tuv, Batsummer soum
Maanit /Railway station/	AC	Tuv, Bayan soum
Khar tarvagatai /Coal mining/	U	Uvs, Tarialan soum
Nuurst khotgor /mining/	V	Uvs, Bokhmoron soum
Khoshoot /Coal mining/	R	Khovd, Tsetseg soum
Khankh khoroo /Water transport point/	O	Khuvsgul aimag
Mogoin gol /Mining/	X	Khuvsgul, Tsetserleg soum
Kherlen khoroo /industry/	U	Khentii
Berkh khoroo /industry/	R	Khentii
Chandgana /Coal mining/	W	Khentii, Olziit soum

## The ciphers for ethnicity

Name of ethnic groups	Cipher
Khalkh	01
Kazakh	02
Dorvod	03
Buriad	04
Bayad	05
Dariganga	06
Uriankhai	07
Zakhchin	08
Darkhad	09
Torguud	10
Uuld	11
Khoton	12
Myangad	13
Barga	14
Uzemchin	15
Kharchin	16
Tsakhar	17
Khotgoid	18
Chantuu	19
Khorchin	20
Russian /Mongolian citizens/	21
Chinese /Mongolian citizens/	22
Other ethnicity /Mongolian citizens/	23
Russian /Russian citizens/	24
Chinese /Citizens of PRC/	25
Other ethnicity /Foreign citizens/	26

**The rule to fill out country name on the census questionnaire**

Name of the country	Name to be wrote in the census questionnaire	Code
1. People's Republic of Mongolia /PRM/	Mongolia	
2. SSSR	SU	
3. Republic of Bulgaria	Bulgaria	
4. Socialist Republic of Vietnam	Vietnam	
5. Democratic People's Republic of Germany	Germany	
6. Republic of Cuba	Cuba	
7. Republic of Poland	Poland	
8. Socialist Republic of Romania	Romania	
9. Democratic People's Republic of Korea	DPRK	
10. Republic of Hungary	Hungary	
11. People's Republic of China	China	
12. Socialist Republic of Czechoslovak	Czechoslovak	
13. Republic of Cambodia	Cambodia	
14. Lao's Democratic People's Republic	Laos	
15. Japan	Japan	
16. Other countries	Other	

The classification of national economy

Code	Divisions and sub-divisions	State registration number	Name of the industries, establishments and institutions
1	2	3	4
O1	Industry		
O1.O1	Electricity		
O1.O1.O1	Electricity	OO019	Central electricity system
		OO027	Power plant /UB, Darkhan, Bayan-Ulgii, Dornod, Kharkhorin, UB Railway station/
		OO035	Electric system center /UB, Darkhan, Selenge, Erdenet, Bulgan, Baganuur, South East district/
		OO043	Power station /all aimags/
		OO051	Disel station /
O1.O1.O2	Thermo-electric industry	OO094	Central heating system
		OO108	Thermal station /Agricultural cooperatives, Crop farm, Feeding farm, industries, establishment/
O1.O2	Fuel manufacturing		
O1.O2.O1	Coal	OO159	Coal mining
		OO167	Militarized rescue brigade for massif
		OO175	Coal extracting of agricultural cooperative
O1.O4	Nonferrous manufacturing		
O1.O4.O1	Nonferrous ore dressing	OO205	Gold and plumbum factory
		OO913	Copper enriched factory "Erdenet"
O1.O5	Machinery		
O1.O5.O1	Electricity machinery	OO256	Unified garage of the Ministry of Fuel, electricity, mining industry
		OO264	Garage of disel station
O1.O5.O4	Automobile industry	OO302	Corporation of automobile maintenance
		OO329	Geology maintenance center
		OO337	Tracker industry
O1.O5.O6	Industry machinery and equipments for road and construction		
		OO361	Maintenance factory of construction machines and mechanisms
		OO388	Maintenance factory of machines equipments of Water supply
O1.O5.O7	Industry agricultural machinery and equipments		
		OO426	Office of forestry equipments installation and maintenance
		OO434	Maintenance center of Dulaankhaan

**Population and Housing Census 1989**

1	2	3	4
		OO442	Maintenance office of agricultural machinery and mechanisms
O1.05.08	The moving constituent of railway, transportation of air and water /maintenance/	OO485	Maintenance office of UB Railway
		OO493	Unified maintenance office of airplanes
O1.05.09	Industry of other machinery and equipments /maintenance/		
O1.07	Metal manufacturing	OO523	Maintenance office of food and tripping industries
		OO566	Metal factory
		OO574	Maintenance factory of Erdenet
		OO582	Unified manufacture of electricity and water supply
		OO604	Manufacturing of parts
O1.08	Chemical industry		
O1.08.01	Exploration of minerals for chemical industry	OO647	MongolSovtvetmet corporation
		OO655	Spar mining
		OO663	Mongolczechoslovakmet corporation
		OO671	Mongolbulgarmetal
O1.08.08	Industry of soap, laundry detergent and cosmetics	OO728	Soap manufacturing
O1.08.09	Medicine manufacture	OO752	Medicine factory
		OO779	Bio combinat
		OO787	Institute of bio preparation and blood
O1.09	Manufacturing of construction materials		
O1.09.01	Exploration of non-ore minerals	OO817	Grit farming /UB, Darkhan/
		OO825	Manufacturong of construction materials /all aimags, cities and Tosontsengel's/
		OO833	Exploration of sand, roadmetal and ceramics
O1.09.02	Manufacturing of cement and other interlock materials	OO876	Hotol cement and lime manufacturing
O1.09.03	Manufacturing of concrete, wall and other construction materials	OO906	Manufacture of wall materials /UB, Arkhangai, Dundgobi, Khovd, Uvurkhangai, Dornod, Darkhan etc/

**Population and Housing Census 1989**

1	2	3	4
		OO914	Factory of concrete and metal
		OO922	Factory of ceramics and mineral cotton
		OO949	Manufacture of wall materials
O1.10	Wood manufacturing		
O1.10.01	Limbering farm		
		OO973	Limbering farm
O1.10.02	Sawn wood manufacturing		
		O1015	Sawn wood manufacture /Match manufacture in Sukhbaatar etc/
O1.10.03	Furniture manufacturing		
		O1058	Furniture and cardboard factory
O1.12	Glass and procelain vase factory		
O1.12.01	Glass factory	O1082	Glass factory
O1.12.02	Procelain vase factory	O1139	Procelain factory
O1.13	Wool, fabric and knitted factory		
O1.13.01	Woolen fabric manufacture	O1163	Wool corporation
		O1171	Wool irrigation factory
		O1198	Felt and felt boots factory
		O1201	Gobi corporation
		O1228	Carpet manufacture /UB, Erdenet and other/
		O1236	Woolen fabric, spin and knitting factory
O1.13.02	Knitting factory	O1279	Knitting factory
O1.14	Sewing factory	O1309	Corporation of sewing factories
		O1317	Sewing factory /kids' wear factory etc/
O1.15	Leather, fur and shoes factory		
O1.15.01	Leather and fur manufacturing	O1341	Leather factory
		O1368	Primary refinement factory of skin and hides
		O1376	Maintenance factory for refining skin and hides
O1.15.02	Shoes factory	O1406	Shoes factory
O1.15.04	Leather and fur wearing factory	O1449	Leather factory
		O1457	Undressed, leather and fur goods factory
O1.16	Printing factory	O1481	Printing factory
O1.17	Food factory		
O1.17.01	Meat factory	O1538	Meat operation factory
O1.17.02	Fish manufacture	O1562	Fish extractives of food factories
O1.17.03	Milk factory	O1649	Milk and milk feeding factory
O1.17.05	Flour factory/without animal feeding/	O1643	Flour and feeding factory
O1.17.06	Bread manufacturing	O1686	Bread factory
O1.17.08	Sweets and cooky factory	O1716	Sweets and cooky factory
O1.17.08	Manufacturing of alcoholic beverages	O1759	Factory of vodka and beer

**Population and Housing Census 1989**

1	2	3	4
O1.17.11	Soft drinks manufacturing	O1783	Soft drinks manufacture
O1.17.14	Manufacturing of other food	O1813	Salt, vinegar and other food manufacture
O1.18	Other industry		
O1.18.03	Feeding farm	O1856	Feeding farm
O1.18.04	Manufacture of accessories for art and culture	O1899	Manufacture of accessories for art and culture /handcraft, press and decoration etc/
O1.18.05	Manufacture of treasure items	O1937	Manufacture of treasure items /Manufacture of coins and jewelry etc/
O1.18.08	Other industrial activities	O1961	Manufacture of other industrial items
O2	Construction		
O2.01	Construction installation work	O2003	Construction group of techniques and assistance
		O2011	Installation office of line network construction
		O2038	Construction group and office
		O2046	Electricity and plumbing installation
		O2054	Construction office of water suppliers
		O2062	Road and construction exploitation office
		O2089	Maintenance office of construction, electricity and plumbing
		O2097	Local construction groups
		O2119	Construction and accommodation office of UB Railway
O2.02	Plan/design and reconnaissance work	O2143	Institute of construction plan, production and research
		O2151	Construction customer bureau
O3	Agriculture		
O3.01	Production of agriculture		
O3.01.01	Crops	O2194	Farm
		O2208	Feeding farm
		O2216	Cooperatives and inter-co-operative offices
		O2224	Other agencies running crops
O3.01.02	Livestock	O2267	Cooperatives and inter-co-operative offices
		O2275	Farm
		O2283	Feeding farm
		O2291	Farm for other domestic animals /poultry, deer, pig, beaver and pheasant and bees/
		O2305	Other establishments
O3.03	Agricultural services	O2348	Veterinary of all aimags, cities and soums
		O2356	Land coordination institute
		O2364	Production and experiment station

**Population and Housing Census 1989**

1	2	3	4
		O2372	Experiment and experimental branch
		O2399	State hygiene laboratory of veterinary
		O2402	Other veterinary services and laboratories
O4	Forestry	O2445	Environment protection office
		O2453	Forestry coordination station
		O2461	Protected areas
O5	Transportation		
O5.01	Railway transport	O2518	Operation office of Railway affairs board
		O2526	Moving personnel of Railway office
		O2534	Relay-service of railway
		O2542	Diesel train depo
O5.02	Road transport		Transport regulatio office /all aimags and cities/
		O2585	
		O2593	Passenger service center
		O2607	Fright transport regulation office
		O2615	Auto homebred of construction machines and mechanisms
		O2623	Auto farm of ministries, agencies and public institutions
		O2631	Auto garage of road and construction operation
		O2658	Auto homebred of inter-co-operative industry
O5.04	City transportation	O2682	Auto farm for city transportation
O5.06	Water-transport	O2739	Office of water-transport
O5.08	Air transport	O2763	Air brigade and airport /all aimags and cities/
O5.09	Other transport	O2801	Carting transport
O6	Communication		Telecommunication office /all aimags and cities/
		O2844	
		O2852	Committee of telephone and radio operation
		O2879	Office of radio and TV techniques operation
		O2887	Post Office
		O2895	Signaling communication service of UB Railway
		O2909	Communication of Ministry of Social Security
O7	Trade, material techniques supply		
O7.01	Domestic trade		
O7.01.01	Whole sale	O2933	Whole sale corporation
		O2942	Trade center for army
		O2968	Trade center for railway workers



**Population and Housing Census 1989**

1	2	3	4
O7.O1.O2	Retail trade	O2992	Trade regulation office
		O3018	Trade office /all aimags, cities and soums/ Drug store regulation office /all aimags, cities and soums/
		O3026	Book stores /all aimags, cities and soums/
		O3034	Trade section of UB Railway office
		O3042	Other trade establishments
		O3069	Catering establishments regulation office
O7.O2	Public catering	O3107	Other public catering
O7.O3	Foreign trade	O3166	Export office All kinds of import office and transshipment point
		O3174	Import office of complex equipments
O7.O4	Material technical supply	O3212	Supply section of UB Railway office
		O3247	Supply section of airport
		O3255	Supply section of construction troops
		O3263	Regulation office for material technical supply
		O3271	Reserve section for trade
O7.O5	Reserve	O3328	Other reserve sections /section for preparing herbal etc/
O8	Other sectors of material production	O3336	Press of daily newspapers and journals
		O3379	Studio for TV serials and photograph
O9	Housing and public services	O3387	
O9.O1	Housing services	O3417	Office of housing operation
		O3425	Housing operation service of UB railway
		O3433	School dormitories
		O3441	Housing operation service of aimags and cities
		O3468	Apartments /ministries, agencies, industry, agricultural cooperatives etc/
		O3492	Hotels /aimags, cities, ministries, agricultural cooperatives etc/
O9.O2	Hotels	O3492	Public facility services
O9.O3	Public services	O3522	Other public facility services
		O3549	Office of serving for foreign experts
		O3557	Office of water ditch
		O3565	Bureau to serve for individuals /aimags and cities/
		O3573	Public service office
O9.O4	Public services	O3611	
10	Science		

**Population and Housing Census 1989**

1	2	3	4
10.O1	Research	O3654	Research institute, sector, laboratory and point
10.O2	Other scientific services	O3697	Geology and hydrogeological expedition
		O3735	Metereological bureau /all aimags, cities, UB airological station etc/
		O3743	Science information center
		O3751	Other offices of scientific services
	11 Education		
11.O1	Pre-school institutions	O3794	Kindergartens
11.O2	General education	O3824	Education offices /all aimags and cities/
		O3832	Primary school /all aimags and cities/
		O3859	Incompleted secondary school /all aimags and cities/
		O3867	Completed secondary school /all aimags and cities/
		O3875	Other general educational institutions
11.O3	Vocational technical education	O3905	Vocational schools
11.O4	Specialized secondary education	O3948	Specialized secondary school
11.O5	Tertiary education	O3972	University and colleges
11.O6	Other education	O4014	Other educational agencies
	12 Culture and art		
12.O1	Culture	O4057	Cultural institutions /all aimags and cities/
		O4065	All types of professional art institutions /theatre, circus and ensembles/
		O4073	Cultural houses/all aimags, cities, ministries, agencies and trade union/
		O4081	Libraries, museums, exhibition, clubs
12.O2	Art	O4138	Fixed and mobile/itinerant cinema
		O4146	All branches of Artists association
	13 Health, social welfare, physical culture	O4189	Health offices /all aimags and cities/
13.O1	Health	O4197	United hospitals
		O4219	Inter-soum hospitals
		O4227	Dispenseries of various profession
		O4235	Hygiene and infection probe center
		O4243	Maternity homes
		O4251	Food and other nurcing centers
		O4278	Other health agencies
		O4286	Nursery
13.O2	Social welfare	O4316	Caring homes
13.O3	Physical culture and sport	O4359	Physical culture and sport clubs and associations

**Population and Housing Census 1989**

1	2	3	4
13.O4	Recreation, round trip and tourism	O4383	Resorts, spa centers and pioneer camps
	14 Finance, credit and insurance	O4413	Investment and external transfer office
		O4421	Banks
	15 Management	O4464	Ministers council of People's Republic of Mongolia
		O4472	Ministries, agencies and state commissions
		O4499	Administratives of aimags and cities
		O4502	Administratives of soums and khoroos
		O4529	Office of agriculture and food industry, Council of agricultural cooperatives
		O4537	Courts and procurar of aimags and cities
		O4545	Social security office of aimags and cities
	16 Other sectors of non-production frame	O4588	Central Committee of Mongolian People's Revolutionary Party
		O4596	Committee of Party in aimags, cities and districts
		O4618	Central Committee of Youth Union
		O4626	Committee of Youth Union in aimags and cities
		O4634	Central council of Mongolian Trade Union
		O4642	Council of Mongolian Trade Union in aimags and cities
		O4669	State council for defensive
		O4677	Defensive council of aimags, cities and districts
		O4685	Other political and public institutions

SPECIAL AMENDMENT FOR THE CLASSIFICATION  
OF NATIONAL ECONOMY

1. Private auxiliary farming	99015
2. Labor partnerships and cooperatives	99023
3. Pension for elders	99031
4. Pensions I, II for disabled people	99058
5. Other state pensions and allowances	99068
6. State care	99074
7. Free profession	99082
8. Private farming	99104
/handcrafts without cooperatives, self employed, serving private car by charge/	
9. Wage employed ones in others farming	99112
10. Others' care	99139
11. Students in domestic universities and colleges	99147
12. Students in foreign universities and colleges	99155
13. Students in domestic specialized educational schools	99163
14. Students in foreign specialized educational schools	99171
15. Students in domestic vocational schools	99198
16. Students in foreign vocational schools	99201
17. Pupils in domestic secondary schools	99228
18. Pupils in foreign secondary schools	99236
19. Unemployment	99244

## OCCUPATIONAL CLASSIFICATION

### A. Group for running headwork/intellection as usual

#### **One. Management operations occupations of the government institutions**

##### 001. Principal posts of the central government:

- secretary of chairs for PGH /People's Great Hural/, head, deputy and amenable secretary of units for PGH
- referent and liken posts
- chairman, first and second deputy, division and section chiefs of ministerial council
- ministers, vice ministers, chairmen, deputies of ministries and agencies
- principal of procurer, chairman, deputy of supreme court and liken posts
- ambassadors, advisors to the ambassadors, first secretaries of embassies, general consul and its deputy
- head of representative mission, representatives of People's Republic of Mongolia to the international cooperation agencies
- miscellaneous principal posts of other government agencies and liken posts

##### 002. Principal post of government in aimags and cities

- chairman, deputy and amenable secretary of administration of People's Deputy Hural in aimags and cities
- chairman and deputy of courts and procurers in aimags and cities
- chairman and deputies of miscellaneous government agencies

##### 003. Principal posts of local authority and government

- chairman, deputy and amenable secretary of administration of People's Deputy Hural in soums, khoroos and districts
- local procurements and chief of the judgment
- miscellaneous principal posts of local authorities and governments

#### **Two. Principal clerks of parties and public institutions**

##### 005. Senior posts of parties and headquarters of public institutions:

- secretary-general, secretary, principals, deputies, instructors and organizers of Central committee of the MPRP
- secretary-general, secretary, principals, deputies, instructors and organizers of public institutions

##### 006. Senior posts of parties and public institutions in aimags and the capital city:

- first secretary, secretary, division/section chief of party and youth union
- director, deputy, division and section chiefs of the headquarters of other public institutions

##### 007. Senior posts of parties and public institutions in soums and districts:

- first secretary, secretary, division/section chief of party and youth union
- director, deputy, division and section chiefs of other primary public institutions

##### 008. Senior posts of primary stage of parties and public institutions:

- director, deputy, division and section chiefs of other primary public institutions under the establishments

009. Instructors, organizers and inspectors of all stages of party and public institutions /except Central committee of the MPRP/:

- instructors, organizers and inspectors of all stages of party and public institutions in aimags, the cities, soums, districts and khoros
- instructors, organizers and inspectors of all stages of party and public institutions under the establishments

### **Three. Principal posts of establishments**

011. Chairman and deputy of establishments

012. Production-technical division, sections, bureau and group chiefs

013. Chiefs of other units

014. Chairman of agricultural cooperatives, chiefs of main production units

015. Deputy of cooperatives and feeding farms, principal clerks of production brigade and farms

### **Four. Planning and financial occupations**

017. Chief clerks of planning and management units of ministries, agencies, and parties, public institutions and establishments, chief and deputy of divisions and sections

- chief of machinery stations, bureaus and sections

018. Economists, planners and statisticians:

- planner-economists
- financial economists
- labor and wages economists
- statistician economist
- material rating economists
- price economists
- miscellaneous posts belong to this section

019. Monitoring clerks:

- inspectors
- auditors
- controllers
- miscellaneous posts

020. Accounting clerks:

- chief accountants
- deputy accountants
- senior accountants with general rights
- inspector-accountants
- bill collectors

021. Cashier clerks:

- chief of cashier
- storekeeper of the cashier

- controllers
- tellers

022. Planning and accounting workers

- accounting workers
- time-keeping clerks
- payroll clerks
- miscellaneous planning and accounting workers

**Five. Engineering and technical workers**

024. General engineering and technical clerks

- chief engineers
- miscellaneous general officers

025. Norm compilers

026. Dispatchers

027. Masters

028. Technicians

029. Drawing clerks:

- painters
- authors
- drawers
- mender

030. Laboratory technician /various/

031. Programmers

032. Methodologists

033. Miscellaneous engineering and technical clerks

**Six. Agricultural and forestry workers**

036. General officials of agricultural and forestry

- chief agronomists /veterinarians/
- general forestry officials

037. Agronomists

038. Zoologist

039. Veterinarians

040. Veterinary technicians

041. Forestry clerks:
- forestry supervisors
  - forestry engineers
  - reclamation clerks
  - forestation clerks
  - hunting specialists

042. Miscellaneous agricultural workers

### **Seven. Education, training, and research occupations**

043. Principal posts of research and scientific institutions
- director
  - deputy director
  - scientist secretary
  - chief workers of sections
  - chief and deputy of prospect/rummage survey
  - chief of archives
044. Research and scientific workers /except of the teachers for university and colleges/
- research worker /various professional/
  - candidates and doctorates
  - principal workers of research groups, bureaus, laboratories and cabinets /under the industries and institutions/
045. Principal workers of all kinds of the schools and courses /except of primary school directors/
- rector, pro-rector, curators and deans
  - directors, deputy directors and curators of secondary and technical vocational schools
  - principals of other schools and courses
046. Teachers of universities, colleges, vocational schools /except of physical training teachers/
- teachers of universities, colleges, vocational schools /various professions/
  - chief of cabinet, laboratories and departments
  - principal teacher for practices and master trainers
047. Teachers of vocational schools and courses
- principal of courses
  - master trainers
  - teachers
  - other teachers /driver and typist courses/
048. Teacher of primary and secondary school /excluded teachers of labor and physical culture/
- chief teachers of laboratories and cabinets
  - elementary and secondary school teachers
  - pioneer principal teachers
  - panel teachers /including passer teacher/
  - special education teachers as schools for dumb, deaf and blind
049. Teachers of labor studio
- principal teacher of labor studio
  - teachers of craft, carpentry and housekeeping



050. Physical culture teachers and trainers
- physical culture teachers of university and college
  - physical culture teachers and trainers of secondary and vocational schools
  - trainers of various sport panels
051. Principal and nursing teachers of the school dormitories
052. Principal and nursing teachers of preschool and kindergarten
- principal and nursing teachers of kindergarten
  - principal and nursing teachers of caring home for orphan children
053. Other education, training, research and library workers

**Eight. Arts, design, entertainment, sports, and media occupations**

056. Writers, journalist and editors
- writers /prosaic, poetry, humor, drama and cinema/
  - journalist
  - correspondent/reporter
  - interpreter
  - contradictor
057. Principal workers of the press
- principal, deputy and general editors of the press
  - principals of production and technical sections
  - principal officer of MONTSAME agency
  - principal /general editors/ of the sections
058. Technical editor, conductor and controller:
- controller
  - editor
059. Library employees:
- curator
  - librarian
  - catalogue recorder
  - book deliverer and receiver
- 060 Employees of cultural agencies:
- director of cultural center
  - teacher of cultural panel
  - instructor of cultural and enlightenment work
061. Managing officials of cultural agencies:
- director and deputy /theatre, cinema theatre, exhibition, circus, zoo, etc/
062. Propagandist and lecturer:
- head of lecturer's group or bureau
  - lecturers and propagandists
  - agitator

- inspector, instructor and organizer of cultural and educational works
- 063. Commentator /museum and exhibition/
- 064. Producer and conductor:
  - producer, assistant producer /drama, opera and cinema/
  - conductor of theatre, ensemble etc
- 065. Artist /movie, drama/
  - broadcaster /radio, TV and cinema/
- 066. Composer, musical instructor and musician
  - composer, musical instructor
  - musician /accordionist, pianist, violinist, harp, flautist, drummer, trumpeter etc/
- 067. Sculptor and painter
  - painter
  - senior painter
  - sculptor
- 068. Cinema-operator, radio and TV operator:
  - operator and assistant operator /sound, light, microphone and recording.../
- 069. Other posts of art and culture institutions:
  - head of advocacy home
  - head of museum and exhibition
  - instructor
  - other employees of museum
  - other employees of theatre
  - other posts of art and culture institutions

### **Nine. HEALTH EMPLOYEES**

- 071. Senior officials and general doctors of medicine and health preventive agencies:
  - general doctor
  - chairman and vice-chairman of hospitals and medical preventive institutions /hospital, dispensary, clinic, maternity, health education center, hygiene and infection probe center and verify bureaus
    - division and section chief /except chiefs of planning and financial section/
    - chairman and vice-chairman of spa nursing center
- 072. Senior officials of other health agencies:
  - director and deputy of care center
  - managers of artificial limb center
  - managing officials of medical laboratory /independent/
- 073. Doctor
  - Doctor / oculist, alienist, dentist, alienist, psychiatrist, cancer, aorist, x-ray, kidney, sanitary, tuberculosis etc/
  - Doctor - school, kinder garden, industry, criminal and hospital etc/

- Doctor and head of section – cabinet, poly-clinic
- Advisor doctor
- Doctor of health advice service
- Sanitarian
- Chief of labor protection commission

074. Tooth prosthesis

- tooth prosthesis technician
- tooth fitter

075. Assistant doctor, midwife

- feldsher of the hospital units
- feldsher doctor of the maternity hospital
- feldsher
- 

076. Dispenser / pharmacist, medical production

- drug recipes
- drug analyst
- chemist, pharmacist

077. Nurse /

- Senior nurse
- Laboratory assistant

078. Head of kinder garden and personnel

079. Massage, masseur

- masseur / with permission/

080. Other staffs of hospital

- drug recipe receiver,
- drug information center personnel
- spa, clay treatment personnel
- anatomist
- infection analyst
- sanitarian
- other personnel of the hospital

**10. Legislative officers**

083. Attorney, advocates:

- Attorney
- Head of legal advice service and other personnel

084. Judge and procurator

- Head and senior officer of the judge
- Board members, secretary
- Head of public procurator office and procurator
- Inspector

085. Lawyer, legal advisor

086. Notary, arbiter

087. Analyst, bailiff

088. Other personnel of legal organizations.

## **11. TRADE AND PUBLIC FOOD SERVICE AND SUPPLY ORGANIZATION PERSONNEL**

091. Leading officer of trade and public food service /restaurant and cantina/ and supply organization

- Director of trade, public food service organizations in aimag and capital city.
- Director and deputy director of the wholesale trade company in aimag and capital city
- Director and deputy director of the base of export, import, complex and raw materials
- Director and deputy director of the unit for trade тpect???
- Director and deputy director of the public food service /aimag, capital city and district/
- Director and deputy director of the general department of materials and technical supply /state, aimag and capital city/
- Director and deputy director of the preparation and supply office
- Head of division and section /except head of administration department, planning division or section/
- Head of pharmacies

092. Shop and market owner

- Head of trade mart
- Head of reservation service

093. Restaurant, canteen: /except buffet/

- Restaurant, canteen owner
- Cafeteria, bar, pub owner

094. Head of supply warehouse:

- Head of warehouse / all kind of goods, materials, equipment and tools
- Head of warehouse / food stuff, vegetable, candies and fruits /

095. Good and product analyst:

- Industrial product analyst

- food product analyst
- Animal production analyst

096. Other personnel of the public food and supply service:

- agent/delegate for public good and supply service
- public food and supply controller
- agricultural product preparer
- product classifier/sorter
- other

## **12. PUBLIC SERVICE**

099. Leading officers of public service:

- Director and deputy director of public service office
- Head of dwelling and apartment affairs office
- Director and deputy director of city planning department
- Director and deputy director of the hotel
- Owner of laundry, dry cleaning service
- Owner of hair-dressing and photograph service
- Head of service for foreign expert
- Director and deputy director of department on water affairs

100. Public Service-Production Unit/Head of section:

- Head of repairing service /shoe repairing, clothes and electrical repair, typewriter, sewing-machine, special service/
- Owner of hair salon, photograph studio
- Owner of beauty salon
- Head of bureau for civil service

101. Other personnel at public service

## **13. Secretariat and archive personnel**

102. Head and secretary of cooperative, public industry, general division and human resource division of official agencies /including ministries, state committees and central public organizations/:

- Head of general division, human resource division
- Clerical personnel
- Head of management division /aimag, capital city, district/

103. Typewriter, hand writer:

- Typist /typewriter and electronic machine/
- Hand writer

104. Secretary and other personnel:

- Secretary
- Secretary assistant

- Archive personnel
- Archivist

#### **14. INTELLECTION WORKER AND OTHER WORKER**

107. Head of division and administrative division

- Head of administrative division /banks, cashier, insurance company /

108. Officer of protection department of socialist property:

- Director and deputy director of police station, chief of division and sections in aimag, capital city and districts
- Police officer
- Director and deputy director of traffic police station and inspector
- Director and deputy director of Fire Department, inspector
- Director and deputy director of prison and jail
- Dog trainer
- Director of gendarme/police soldier
- Others

109. University students

110. Student of special occupation institute

111. Other intellection personnel

112. Student of technical professional institute

113. Student of primary and secondary school

114. Other intellection work

#### **B. Manual laborer**

#### **15. Workers in the equipment**

120. Machinist for hard equipment

#### **16. Workers in mining**

123. Driller /hand-drilling, electronic drilling/

- Well driller
- Driller and related workers

124. Miners, quarrying machinist

- Combiner, excavator, elevator

125. Digger /hand-digging, electronic and mechanic digging/

126. Path workers

- Path machinist

127. Reinforcement worker /hole, tunnel/

-other related worker

128. Stone quarrying

129. Stone sorters, stone splitter, cutter

130. Blaster

131. Fuel and gas machine operator

132. Quarrying industry

133. Other workers related to mining

### **17. Workers of Metallurgy and Coking industries**

135. Alloy preparer and carrier

- Alloy preparer

-Other related worker

-Metal alloy

-Metal alloy machinist

136. Funnel workers

-other workers in the foundry

137. Molder /land molder/

- Metal moulders / sheet-metal workers, structural-metal preparers and related trades workers/

- Molder machine

- Metal moulders and coremakers

138. Other staffs in the coking industry

139. Other staffs in the metallurgy industry

### **18. Metal processing industry, electronic radio and electronic equipment industry workers**

142. Lathe workers /cutter, Frasier

- Builder, armature, Fitter, electrical/generator, Mechanic, electrical

143. Metal wheel-grinders

144. Polishers

145. Tool sharpeners

147. Electronic mechanics and fitters

146. Erector, radio aerial, Mechanic, electronics/audiovisual equipment Servicer, electronics equipment

148. Welder, Flamecutter, Brazier

Welding metal parts using gas flame, or an electric arc, thermite compound or other methods;

(b) workers-operating resistance-welding machines;

(c) workers using blowtorch to make and repair lead linings, pipes, floors and other lead fixtures;

(d) workers - brazing metal parts together;

(e) workers - cutting metal pieces using gas flame or an electric arc;

(f) workers - joining metal parts by hand soldering;

(g) workers - performing related tasks;

(h) supervising other workers.

149. Electronic and gas flame welding

150. Hammer blacksmith

151. Sheet metal worker

152. forging-press workers

153. Electrical and electronic equipment mechanics and fitters

- Electrical mechanics and fitters

- Electronics fitters

- Electronics mechanics and servicers

154. Blacksmiths, tool-makers and related trades workers

-carvers /goldsmith, hammersmith, jeweller/

155. Galvanic

156. Telegraph and telephone installers and servicers

- Electrical line installers

- Repairers

- Cable jointers

157. Motor vehicle mechanics and fitters

158. Metal processor



159. Other workers related to the electronic radio and electronic equipment

160. Other workers related to the metal processing

### **19. Workers in chemical industry**

163. Chemical-processing-plant operators:

- Chemical-mixing-machinery operators
- Crushing
- Grinding

164. Plastic-products machine operators

165. Rubber-products machine operators

166. Petroleum- and natural-gas-refining-plant operators

167. Pharmaceutical- and toiletry-products machine operators

168. Chemical-products machine operators not elsewhere classified

### **20. Construction materials, glass, ceramic, hammer industry workers**

180. raw materials-mixing worker

- Machinery, operator
- Motor-vehicle operator

181. Printing

182. Freight handler

183. Steel erector

184. Bleaching, dyeing and cleaning

185. gas flame machine operators not classified

- Dryer, molder, firebug
- Equipment supplier for furnace
- Product maker from the furnace /glass, porcelain, ceramic etc/

186. Mineral products processing operators

187. Construction materials, ferroconcrete, porcelain, glass producing workers not classified.

### **21. Wood - Processing industry workers**

188. Wood working machine setters, lathe operators

189. Sawmill operators

190. Wood and related product assembler

191. Wood treaters and cabinet makers and related trade workers

- 192. Workers in plank, tile matchbox industry
  - automat worker
  - preparer
  - sorter
  - cutting, drying machine operator
- 193. Wood processing industry workers not classified

## **22. Printing-, binding- and paper-products machine operators**

- 196. Type-setting machine operators
- 197.. Printing engravers and etchers
- 198.. Paper-products machine operators
  
- 199. Bookbinding-machine operators
- 200. Other workers related to the printing

## **23. Textile industry workers**

- 203. Textile products machine operators
- 204. Weaving- and knitting-machine operators
- 205. Sewing-machine operators, leather and related pattern-makers and cutters,
- 206. Fleece cleaner
  - Fleece mixer,
  - Sorter
  - Handler
- 207. Machine operators, aggregators
- 208. Coiler, preparer
- 209. Spinners
  
- 210. Unloaders
- 211. Weaver
- 212. Inter-weaving machine operators
- 213. Painter, sorter, pattern makers
- 214. Felt product worker, equipment repairer, machine operator.
- 215. Carpet production industry workers
  - Carpet machine operator and related trade worker.
- 216. Textile industry workers not classified

## **24. Sewing-machine operators and related trade workers**

- 217. Tailor, dressmaker /by hand and machine/
  - tailor /all kind of dress/
  - designer
  
- 218. Embroiders
- 219. Other related trade workers
  - Presser

## **25. Fur and leather product industry workers**

- 222. Fur and leather processor
- 223. Leather and related pattern-makers and cutters, Pelt, leather trade workers

- Pelt dressers
- Tanners
- Sorters
- Felt painter

- 224. Artificial leather producers
- 225. Small goods producer
- 226. Tailors
- 227. Cutters
- 228. Tailor of hammer smiths and tool makers
- 229. Decorators
  - Shoe-makers and related workers
- 231. Shoe repairers
- 232. Other related pelt and leather industry workers

## **26. Food processing and related trades workers**

- 233. Grain, spice-milling-machine operators
- 234. Butchers, fishmongers and related food preparers
- 235. Meat products preparer/salami, gut cleaner and preparer/
- 236. Baked-goods, cereal and chocolate-products
  - Machine operators
  - Bread baker
  - noodle preparers
- 237. Sugar production machine operators
- 238. Dairy-products machine operators
  - Yogurt preparer
  - Margarine preparer
  - Ice cream preparer
- 239. Brewers, wine and other drinking beverage machine operators
- 240. Other dairy production industry workers not classified.

## **27. Construction and maintenance laborers: roads, dams similar constructions**

- 243. Excavators
- 244. Construction and road machine operators (driver)
- 245. Other construction machine operator (driver)
- 246. Asphalt workers
- 247. Building, road, construction laborer water-powered equipment constructing workers
- 248. Concrete workers (ferronconcrete-asphalt concrete workers)
  - Bricklayers
  - Concrete mixer
- 249. Stonemasons (construction stone preparer)
- 250. Varnisher
  - Artificial and natural stone varnishing
  - stone and concrete varnishing
- 251. Carpenters and joiner
  - Carpenter (all kind of construction works)
  - fitter, bridge builder, industrial equipment repairer

- 252. Plasterers
  - Puddle machine operator
  - Mixture preparer
- 253. Roofers
  - Roofers (hammer, wood etc.)
- 254. Painters
  - Painter (wall, door, window, roof)
- 255. Glass makers
  - Glass maker (window, door and other parts of building)
- 256. Furnace workers
- 257. Insulators
- 258. Underpass road laborers
- 259. Concrete placers
- 260. Other workers related to the construction

### **28. Agricultural, fishery and related laborers**

- 263. Farm hands
- 264. Tractor drivers
- 265. Combine drivers
- 266. Crane, hoist and related plant operators
- 267. Agricultural equipment repairers
- 268. Grain planters
- 269. Herder
- 270. Dairymaids
- 271. Drivers
- 272. Swineherds
- 273. Fowl (bird guardian)
- 274. Apiarist, beemasters
- 275. Animal guardians
- 276. Florists
- 277. Truck farmers
- 278. other workers related to the agriculture

### **29. Hunting and forestry laborers**

- 281. Forestry laborers
  - Ameliorative workers
  - Grain planters, forest protectors.
- 282. Wood cutters
  - Machine operators
  - Mountain tractor driver
- 283. Other workers related to the forestry
  
- 284. Hunters
  - Hunting and related workers
- 285. Other workers related to the hunting and fishery

### 30. Transportation laborers

- 288. Railway drivers (Locomotive engine drivers and related drivers)
  - Operator
  - Mechanics (Steamy machine-Locomotive engine drivers)
- 289. Railway porter and automatic equipment operators
- 290. Railway wagon controller, wagon master
- 291. wagon fitter, wagon recipient
- 292. Road workers, road cleaners
- 293. Road sentinel
- 294. Wagon steward
- 295. Signallers and shunters
- 296. Drivers
  - Car, taxi and van drivers
  - Trolleybus driver
- 297. Gas station workers
- 298. Caravan, carter, whip
- 300. Freight handlers
- 301. Other workers related to the transportation
  - Pilots, air craft-machine operators, projector, waterway, railway related workers

### 31. Communication laborers

- 304. Telegram, radio telegram:
  - Telegram operator, teletypes
  - Broadcast, Announcer
  - Radioman /aircraft, ship/
- 305. Dialers
- 306. Post officer operators /post, telephone, radio, telegram/
- 307. Post agents
  - Parcel receiver, providers
- 308. Mailman, Postman
  - Newspaper, gazette, telegram distributors
  - Letter collectors
- 309. Other workers related to the communication
  - Salesperson
  - foreign newspaper controllers
  - parcel unwrapping worker
  - sorter, registration officer

### 32. Lifting-truck mechanics operators

- 312. Crane
- 313. Hoist and related plant operators
- 314. Lifting and pulling machine operators
- 315. other workers related to the lifting plants /mechanism/

### 33. Trade and Public food service workers

- 318. Buffet salesperson
- 319. Cooks
- 320. Waiters, waitresses and bartenders
- 321. Other workers related to the trade and public food service
  - Freight handler
  - Cleaver – preparer
  - Dish washer
  - Packer
  - Equipment repairer

### 34. Public Service Workers

- 324. Plumber, plumbing tunnel cleaners and repairer
  - Plumber, accumulator, transfusing worker
- 325. Cloakroom workers
- 326. Sentinels / gendarme is not included/
  - Sentinels /apartment, cooperatives, public organizations/
  - lathe /aircraft, railway, bridge/
- 327. Cleaners /apartment, community building, street, hotels, industrial workshop/
  - Washer, busser
- 328. Fireman /except steamy furnace, hard equipment /
  - Fireman – coach, hotel, ger, apartment, regular furnace/
- 329. Hairdresser, barbers, /manicures /, beauticians
- 330. Dry-cleaners
  - Receivers,
  - Cleaning detergent mixer
  - washer, ironing worker
- 331. Bath-Sauna workers
- 332. Photographers
- 333. Fire-fighters
  - Fire inspector, sentinels, projector, signalers and electricians
- 334. Keeper /hospital, nursesary, officers/
- 335. Other workers related to the public service.
  - Housekeepers
  - Insecticide workers
  - Garbage collectors
  - Officer of the civil service

### 35. Other workers related to the manual labor

- 338. Machine operators, equipment repairers which is not included in the previous chapters
- 339. Geological and research photographers
- 340. Movie mechanics
- 341. Assistant
- 342. Equipment Cleaners, polishers
- 343. Bus conductor /money collector/
- 344. Other workers related to the manual labor
- 345. Private cooperative workers

**36. Indeterminate answers from non-laborer population**

- 350. Superannuation
- 351. Disability group I, II, III
- 352. Other pensions
- 353. State care, custody
- 354. Person on pension due to labor condition
- 355. Person on pension due to multiple births
- 356. Disability populations from birth
- 357. Superannuated
- 358. Pre-school children
- 359. Baby sitting /0-3 years old children/
- 360. Baby sitting /4-7 years old children/
- 361. Baby sitting /school age children/
- 362. Personal care of patient, superannuated
- 363. Housewives
- 365. Seasonal jobs
- 366. Not employed
- 367. Children which is not enrolled to the school
- 368. Population at working age

**CLASSIFICATION LIST OF OCCUPATION**

**A. Occupation of graduate population**

**One. Geology and mining**

- 001. Mineral enrichment engineers
- 002. Geophysical engineers
- 003. Geo-chemical engineers
- 004. Hydro-logical engineers
- 005. Mining and construction engineers
- 006. marseider
- 007. Coal mining engineers
- 008. Field research-Geological engineers
- 009. Other officials related to the mining

**Two. Energy**

- 012. Electric-electronic engineers
- 013. Engineer mechanics
- 014. Heat-physical engineers
- 015. Heat-energy engineers
- 016. Electric-supply engineers
- 017. Heat-equipment engineers
- 018. Heat-energy engineers
- 019. Electric-equipment engineers
- 020. Electric-line engineers
- 021. Other occupations related to the energy

### **Three. Metal processing**

- 024. Metal processing engineers
- 025. Metal cutting-machine engineers
- 026. Metal fellow engineers
- 027. Other occupations related to the metal processing

### **Four. Wood processing and preparing industry**

- 030. Engineer and technicians of wood processing industry
- 031. Wood preparing engineer technicians
- 032. Wood-Chemical technological engineers
- 033. Forest-industry engineers
- 034. Other occupations related to the wood preparing

### **Five. Light industry**

- 036. Fur engineer-technologists
- 037. Leather engineers-technologists
- 038. Wool industry engineers-technologists
- 039. Textile equipment engineers
- 040. Textile industry engineers
- 041. Sewing industry engineers-technologists
- 042. Knitting industry engineers-technologists
- 043. Shoe industry engineers-technologists
- 044. Light industry equipment engineers
- 045. Printing company engineers-technologists
- 046. Felt and felt shoe industry technologists
- 047. Other occupation related to the light industry

### **6. Food industry**

- 050. Alcohol, brewers, wine and other beverage industry engineers
- 051. Cereal, flour industry engineers-technologist
- 052. Dairy products industry engineers-technologist
- 053. Dairy products industry equipment engineer-mechanics
- 054. Bread, noodle industry engineer-mechanics
- 055. Food industry automat-engineers
- 056. Food industry machine-operators and mechanics
- 057. Sugar production industry engineers-mechanics
- 058. Meat and meat production industry engineers
- 059. Other occupation related to the food industry

### **7. Construction**

- 062. Auto-road engineers
- 063. Architects
- 064. Construction plan engineers
- 065. Construction engineers
- 066. Construction material industry technologists



- 067. Engineers-Concrete, iron/metal
- 068. Civil and industrial engineers
- 069. Ceramic materials engineers
- 070. Forest, road, construction engineers
- 071. Engineers
- 072. Labor organization engineers
- 073. Other occupation related to the construction

#### **8. Geodesy and cartography**

- 076. Geodesy engineers
- 077. Geodetic workers
- 078. Engineer and topographers
- 079. Engineer and cartographers
- 080. Other workers related to the geodesy and cartographer

#### **9. Radio, communication**

- 083. Automat electronic communication engineers
- 084. Multiple channel electronic communication engineers
- 085. Radio engineers
- 086. Radio and locator engineers
- 087. Telephone, telegraphic engineers
- 088. Communication equipment engineers
- 089. Other occupation related to the radio and communication

#### **10. Transportation**

- 092. Auto repairing engineers
- 093. Automobile engineers
- 094. Auto-transport usage engineers
- 095. Pilots
- 096. Train repairing engineers
- 097. Railway engineers
- 098. Aircraft engineers
- 099. Other occupation related to the transportation

#### **11. Agriculture**

- 102. Agronomists
- 103. Agro-
- 104. Agro-chemist
- 105. Zoo-technician
- 106. Veterinarians
- 107. Irrigation engineers
- 108. Reclamation engineers
- 109. Other occupation related to the agriculture

#### **13. Trade and public food service**

- 115. Industrial product investigators
- 116. Food product investigators
- 117. Public food specialists

- 118. Book sellers
- 119. Public food engineers-technologists
- 120. Other occupation related to the trade and public food service

#### **14. Education and Science**

- 123. Biology and chemistry teachers
- 124 Biologists
- 125 Virus researchers
- 126 Geography teachers
- 127 Geographers
- 128 Geo-physicist
- 129 Drawing teachers
- 130 Mathematic teachers
- 131 Mathematicians
- 132 Mongolian language and literature teachers
- 133 Mongolian language specialists
- 134 Social science teachers
- 135 International journalists
- 136 Russian language teachers, specialists
- 137 Radio astronomers
- 138 Radio physicians
- 139 Psychology teachers
- 140 Psychologists
- 141 Journalists
- 142 Physic teachers
- 143 History, geography teachers
- 144 Historians
- 145 Politic and economic teachers
- 146 Literature criticizers
- 147 Household teachers
- 148 Physicians
- 149 Philosophy teachers
- 150 Philosophers
- 151 Chemistry teachers
- 152 Chemists
- 153 Ethnologists
- 156 Other foreign language teachers
- 157 Other occupation related to the teaching
- 158 Other occupation related to the education and science

#### **15. Culture**

- 161 Director, producers /movie and others/
- 162 Sculptors
- 163 Ballet master, dancers
- 164 Actor, actress-movie, drama and others
- 165 Singers
- 166 Movie operators, mechanics
- 167 Choral teachers
- 168 Library officers

- 169 Painters
- 170 Culture history researchers
- 171 Musicians, traditional musicians
- 172 Composers, conductors
- 173 Musicians and other occupations
- 174 Other occupation related to the culture

#### **16. Health care and sport**

- 177 Doctor / oculist, alienist, dentist, alienist, psychiatrist, cancer, aorist, x-ray, kidney, sanitary, tuberculosis etc/
- 178 Infectious disease researchers
- 179 Pharmacists /all occupation related to the pharmacy/
- 180 Disease anatomists
- 181 Sport teachers
- 182 Other occupation related to the health care/protection

#### **17. Economy**

- 184 Engineers-economists /industrial, construction, transportation etc/
- 185 Finance and loan economists
- 186 Accountants /all type except agricultural accountant/
- 187 Agricultural accountants
- 188 Electronic engineers
- 189 Planner-economists
- 190 Agricultural economists
- 191 Other occupation related to the economy

#### **18. Law**

- 194 Lawyer and legal officers /lawyers, inspectors, state law, judge and procurer-inspectors, criminal and civil law/
- 195 International law /international public law, international trade law/
- 199 Other occupation not classified in the above mentioned chapters

### **B. Special occupation institutions**

#### **1. Geology and mining**

- 201 Mineral prospect geologists
- 202 Geology research technicians
- 203 Geology perforation technicians
- 204 Geophysical technicians
- 205 Hydro-geologists
- 206 Fuel and gas occurrence research technicians
- 207 Other occupation related to the geology and mining

#### **2. Energy**

- 208 Automatic and tele mechanics
- 209 Heat technicians
- 210 Railway electric technicians
- 211 Turbine technicians
- 212 Electric relay protecting technicians

- 213 Electric technicians /construction, railway and mining/
- 214 Other occupation related to the energy

### **3. Metal processing**

- 218 Metal processing industry technicians
- 219 Metal processing industry mechanics
- 220 Other occupation related to the metal processing

### **4. Wood preparing and processing industry**

- 223 Wood processing technicians
- 224 Wood processing industry equipment technicians and mechanics
- 225 Forest technicians
- 226 Other occupation related to the wood processing

### **5. Light industry**

- 229 Puff and felt products technicians
- 230 Leather, shoe-making technicians
- 231 Wool, textile industry technicians
- 232 Sewing industry technicians
- 233 Leather products technicians
- 234 Knitted, carpet industry technicians
- 235 Printing technicians
- 236 Felt and felt shoe industry technicians
- 237 Other occupation related to the light industry

### **6. Food industry**

- 239 Alcohol, brewers, wine and other beverage industry technicians
- 240 Cereal, flour industry engineers-technicians
- 241 Meat and meat production industry technicians
- 242 Dairy products industry –technologist, technicians
- 243 Sugar production industry technicians
- 244 Other occupation related to the food industry

### **7. Construction**

- 245 Road technicians
- 246 Construction materials industry technicians
- 247 Construction plan technicians
- 248 Civil and industrial construction technicians
- 249 Plumbing technicians
- 250 Technical architects
- 251 Concrete, iron/metal/ product technicians
- 252 Other occupation related to the construction

## **8. Geodesy and cartographer**

- 253 Geodetic workers
- 254 Technicians-Cartographers
- 255 Topographic technicians
- 256 Other workers related to the geodesy and cartographer

## **9. Radio, Communication**

- 260 Automat electric communication technicians
- 261 Radio technicians
- 262 Radio relay line technicians
- 263 Radio locating technicians
- 265 Other occupation related to the radio, telephone, communication
- 264 Television technicians

## **10. Transportation**

- 269 Automobile technical service and repairing mechanics
- 270 Auto transportation technic-mechanics
- 271 Locomotive technicians
- 272 Pilots
- 273 Aircraft technicians
- 274 Railway technicians
- 275 Other occupation related to the transportation

## **11. Agriculture**

- 278
- 279 Agronomists
- 280 Zoo-technician
- 281 Veterinarians
- 282 Other occupation related to the agriculture

## **12. Meteorology**

- 285 Hydro-technicians
- 286 Meteorology technicians
- 287 Other occupation related to the meteorology

## **13. Trade and public food service**

- 289 Industrial product investigators
- 290 Public food specialists
- 291 Public food technologists
- 292 Cook /public food service/
- 293 Book sellers
- 294 Food product investigators
- 295 Other occupation related to the trade and public food service

#### **14. Education, Culture**

- 299 Primary school teachers
- 300 Dancers
- 301 Actor and Actress in dramatic theater
- 302 Music teachers, singers
- 303 Movie mechanics, operators
- 304 Choir and conductor
- 305 Librarians
- 306 Painters
- 307 Musicians /all type/
- 308 Kinder garden teachers
- 309 Other occupation related to the culture

#### **15. Health care and sport**

- 312 Assistant doctors in health service and sanitarian
- 313 Laboratory assistant
- 314 Prosthesis industry technicians
- 315 Assistant doctors
- 316 Pharmacists
- 317 Nurses with certificate and diplomas
- 318 Midwife assistant doctor
- 319 Other occupation related to the health care
- 320 Sport teachers and specialists

#### **16. Economy**

- 323 Accountants /all type-Agricultural accountants/
- 324 Finance and loan economists, Agricultural economists
- 325 Planner-economists and statisticians
- 326 Labor protecting inspectors
- 327 Other occupation related to the economy

#### **17. Law**

- 329 Legal officer/lawyers/
- 339 Other occupation not classified in the above mentioned chapters

### **C. Occupation of special courses and internships**

#### **1. Common occupations**

- 401 Purity /test materials/ taker
- 402 Shot firers and plasters
- 403 Accumulator operators
- 404 Concrete workers
- 405 Gas plumber/welders
- 406 Electric plumber/welders

- 407 Metal cutters
- 408 Galvanic workers
- 409 Laboratory assistant / metal research, dust, gas, chemical and bacteriological/
- 410 Electrician fitters /station, equipment/
- 411 Machinists
- 412 Lathe workers
- 413 Freight handlers
- 414 Packers
- 415 Cable workers
- 416 Telegraphers, teletypes
- 417 Repairers /radio-television, equipment and machine mechanisms/
- 418 Crane drivers /auto, diesel /
- 419 Carpenters
- 420 Assistant workers /kitchen, transportation/
- 421 Cleaners /restaurants, wagon, office, hairdressers, beauty salon, bath and sauna, street and square /
- 422 Firer /normal furnace, steam-furnace/ ash /cinder/ handler
- 423 Automobile drivers
- 424 Weigh man
- 425 Painters
- 426 Rollers
- 427 Collectors /equipment, sorters, furniture/
- 428 Furniture covering workers
- 429 Catchers
- 430 Blacksmiths
- 431 Designers /wood and iron/
- 432 Tractor drivers
- 433 Combine drivers
- 434 Steam-turbine machinists
- 435 Gas generator station machinists
- 436 Station machinists
- 437 Refrigerating equipment machinists
- 438 Excavators
- 439 Metallurgists
- 440 Patch workers
- 441 Sewers, sewing machine operators
- 442 Furnace workers
- 443 Polishers
- 444 Fitters
- 445 Furnishers
- 446 Printing equipment setters
- 447 Sheet metal-workers
- 448 Rod workers
- 449 Molders
- 450 Tailors
- 451 Ash handlers
- 452 Binders
- 453 Molders
- 454 Chisel workers
- 455 Funnel workers
- 456 Metal cleaners

457 Emulsion boilers  
458 Scoopers  
459 Cutters with machinery  
460 Recorders  
461 Furnace cleaners

## 2. Sector occupations

### 1. Geology and mining

471 Mineral concentration workers  
472 Reinforcement workers  
473 Geo-physical workers  
474 Combine drivers  
475 Road workers  
476 Heap, pile workers  
477 Mountain workers  
478 **Маркшайд** /marks aide/  
479 Garbage collectors  
480 Crushers  
481 Water cleaning machine operators /chemical machine/  
482 Signalers  
483 Explosive material handlers  
484 Wood furbishers  
485 Loader machine operators  
486 Bulldozers  
487 Boiler machinists  
488 Furnace-heating central sheet machinists  
489 Furnace machinists  
490 Conveyer machinists  
491 Manipulators, pumped sledge hammer machinists  
492 Iron machinists  
493 Gas-pumping machinists  
494 Lifting truck operators  
495 Mill machinists /fuel/  
496 Collecting machinists  
497 Gas, fluid and pumped equipment machinists  
498 Electric truck machinists  
499 Electric fitters  
500 Road fitters  
501 Geology, mining industry motor-mechanic  
502 Reagent mixers  
503 Explosive material providers  
504 Geology, mining industry operators /aero-technical and chloral equipments/  
505 Repairing machinists  
506 Polishers  
507 Drillers  
508 Lathe workers-carousals  
509 Reagents  
510 Sand sniffing  
511 Gas-blowing



512 Other occupation related to the geology and mining industry

## **2. Energy**

515 Plumber / welders  
516 Wagon machinists  
517 Furnace, turbine, block and system machinists  
518 Furnace, turbine equipment machinists  
519 Fuel handler machinists  
520 Ash handler equipment machinists  
521 Relay protection and automat machine repairer, fitters  
522 Weigh man /fuel receiver/  
523 Power station, furnace machinists and repairing machinists  
524 Electrician fitters  
525 Weld equipment setters  
526 Quality controllers of plumbers  
527 Electric meter fitters  
528 Electric accumulator charger, repairers  
529 Electricians  
530 Fitter-repairers /electric equipment, network/  
531 Other occupation related to the energy

## **3. Metal processing**

533 lathe workers  
534 Groove machinists  
535 Polishing machinery operators  
536 Drilling machinery operators  
537 Chip machinery operators  
538 Cutting machinery operators  
539 Sledge pumping machinery operators  
540 Cast iron founders  
541 Steel founders  
542 Precious and non-ferrous metal craftsmen  
543 Ore sorters  
544 Other occupation related to the metal processing

## **4. Forest, wood preparing, wood processing industry**

546 Wood processing industry workers  
547 Raft packers  
548 Wood preparer  
549 Wood handlers, tractor drivers  
550 Saw repairers  
551 Board cutters  
552  
553 Chain-chisel machinery operators  
554 Wood processing machinery operators and fitters  
555 Milling machinery operators  
556 Paste equipments machinery operators  
557 Motor-mechanics

- 558 lacquer, color mixers
- 559 Wood processing automat and semi-automat line operators
- 560 Plate printing machinery operators
- 561 Wood furniture fitters
- 562 Pumping workers
- 563 Hunters
- 564 Other occupation related to the wood preparing and processing industry

### **5. Light industry**

- 566 Puff collectors
- 567 Leather shearers
- 568 Fur and leather painters
- 569 Brushing-drying-stretching machinery operators
- 570 Fur and leather crumpling workers
- 571 Other workers related to the fur and leather processing
- 572 Wool sorters
- 573 Wool pressing machinery operators
- 574 Cleaning machinery operators
- 575 Wool mixers, mixing machinery operators
- 576 Wool miller machinery operators
- 577 Wool and fur polishers
- 578 Knitter, weaver
- 579 Sewing machinery
- 580 Tailors
- 581 Knitters
- 582 Iron workers
- 583 Fur and leather festering workers
- 584 Light industry machinery operators
- 585 Carpet industry workers
- 586 Glazers
- 587 Ceramic material preparers
- 588 Ceramic products printers and firers
- 589 Ceramic painters
- 590 Ceramic founders
- 591 Ceramic polishers
- 592 Chemical and hydro- processing machinery operators
- 593 Chemical solution preparer and color formulators
- 594 Shoe makers
- 595 Other workers related to the light industry /quality controller, measurer, packers handler, label makers,
- 596 Other occupation related to the light industry

### **6. Food industry**

- 597 Alcohol, brewers, wine and other beverage industry specialists
- 598 Alcohol distilling machinery operators
- 599 Leaven machinery operators
- 600 Glass and container cleaners and sanitarians
- 601 Alcohol processing workers
- 602 Wine ingredients processors

- 603 Water processing machinery for sodas
- 604 Beer distilling machinery operators and processors
- 605 Packing machinery operators
- 606 Juice and Sugar boilers
- 607 Label makers
- 608

## **II. Bread and candy industry**

- 609 Mixture formulator and preparers
- 610 Leaven preparers
- 611 Flour mixers
- 612 All kind of mealy product bakers and boilers
- 613 Noodle cutters and machinery operators
- 614 Bread bakers
- 615 Conveyer fitters and operators
- 616 Sugar weigh formulators
- 617 Waffle bakers
- 618 Caramel makers
- 619 Furnace workers
- 620 Jam preparers
- 621 Paper cutters
- 622 Other occupation related to the food industry

## **III. Meat industry**

- 623 Livestock receivers
- 624 Cleavers, meat sorters
- 625 Raw materials receivers
- 626 Gut preparers and processors
- 627 Sausage recipe preparers
- 628 Sausage boilers
- 629 Meat and meat products, leather salting workers
- 630 Dust processing workers
- 631 Blood conserving workers
- 632 Caviar preparing machinery operators
- 633 Indirect product preparers
- 634 Meat-Beetle aggregate machinery operators
- 635 Ferment material receivers

## **IV. Dairy products industry**

- 636 Sanitary equipment operators
- 637 Ice-cream preparers, packers and printers
- 638 Freezing equipment operators
- 639 Curds preparers
- 640 Oil-formulating operators
- 641 Milk-reserving operators
- 642 Other equipment operators related to the dairy products industry

643 Other occupation related to the dairy product industry

V. 644 Starch and honey producing industry

VI. 645 Fishery and related occupations

VII. 646 All occupations related to the salt industry

VIII. 647 All occupations related to the soap industry

### **IX. Printing industry**

650 Binders

651 Letter form engravers

652 Tracer, painting repairers

653 Bronzers

654 Numerators

655 Compositors

656 Letter founders

657 Printers

658 Colour formulator and preparers

659 Cylinder polishers for deep printing

660 Pressers

661 Glue preparers

662 Cutting-aggregate machinery operators

663 Other occupations related to the printing industry

### **X. Bio-chemistry and pharmacy industry**

664 Sanitarian, bio preparers, mixers, ferment preparers, anti-biotic preparers

665 Plastic product preparers

666 Medicine preparing machinists

667 Medicine producing machinery operators

668 Glass and container cleaners

669 Other occupations related to the bio-chemistry and pharmacy industry

### **XI. Radio, communications**

671 Automat telephone station setters

672 Dialers

673 Cable fitters

674 Radist

675 Telegraph operators

676 Antenna workers

677 Radio line fitter

678 Other occupations related to the radio and communications

### **XII. Construction**

680 Fixture operators

681 Road and bridge machinery operators-repairers

682 Compressor operators and repairers

683 Diesel-compressor operators and repairers

684 Pump-station machinery operators and repairers

685 Chimney and channel assemblers

- 686 Polishers
- 687 Brickers
- 688 Furnace workers
- 689 Machinist-/dirty and clean water line/
- 690 Brick industry equipment fitters
- 691 Metal and Concrete founders
- 692 Cement, chalk stone industry equipment operators
- 693 Plasterers
- 694 Painters
- 695 Autoclave operators
- 696 Mill machinery operators
- 697 Sculptors
- 698 Asphalt workers
- 699 Runner machinists
- 700 Dryer-firers
- 701 Roaster firers
- 702 Roofers
- 703 Gruel pumping machinery operators
- 704 Wind-roaster machinists
- 705 Diggers
- 706 Other construction materials

### **XIII. Agriculture**

- 708 Hostlers
- 709 Camel herders
- 710 Cow herders
- 711 Sheep herders
- 712 Goat herders
- 713 Swineherds
- 714 Apiary workers
- 715 Poultry workers
- 716 Dairymaids
- 717 Pet
- 718 Provender industry machinists
- 719 Truck farmers
- 720 Drivers /Livestock/
- 721 Agricultural machine and mechanism fitters
- 722 Farm mechanizes
- 723 Other occupations related to the agriculture

### **XIV. Transportation**

- 725 Signallers
- 726 Locomotive machinists
- 727 Locomotive-wagon repairers
- 728 Pointsman
- 729 Relay station workers
- 730 Moto-trolley machinists
- 731 Wood trackers machinists
- 732 Road-measuring wagon setters
- 733 Damage-controller wagon fitters

734 Other occupations related to the transportations

**XV. Trade and public food service workers**

- 736 Industrial products salesperson
- 737 Food products salesperson
- 738 Cultural products salesperson
- 739 Cooks
- 740 Raw material preparers
- 741 Buffet workers
- 742 Public food service equipment fitters
- 743 Other occupation related to the public food service

**XVI. Meteorologists**

- 746 Well motor-mechanics
- 747 Meteorologist-observers
- 748 Water supply-sanitarians, machinists
- 749 Water mechanics
- 750 Other occupations related to the meteorology

**XVII. Cultural service**

- 752 Sculptor
- 753 Painters
- 754 Fancyworkers
- 755 Relief picture makers
- 756 Carver, cutter /stone/
- 757 Hammering workers
- 758 Sculptor /Ornamental-jewellery/
- 759 Repairers /calculator, typewriter, electronic equipments, camera, sewing machine, moto-bike, bicycle/
- 760 Tailors /dress repairing, tailor made/
- 761 Shoe repairers /orthopedic shoe/
- 762 Tailors /dress repairing, tailor made/
- 763 Elevator repairers
- 764 Sewing machine equipment assembler
- 765 Laundry, dry cleaning workers
- 766 Make-up workers
- 767 Stagehand workers
- 768 Illuminators
- 769 Film tape
- 770 Photographers
- 771 Film mechanics
- 772 Other occupations related to the cultural service

XVIII. 799 Other occupations not classified in above mentioned chapters

**INCOME RESOURCE**

Income resource	Code
1. Industry and offices	1
2. Agricultural concern	2
3. Pensions	3
4. Scholarships	4
5. Other pensions and benefits	5
6. Other's custody	6
7. Private farm and private labor	7
8. Cooperatives	8
9. Others	9

**RELATIONSHIP BETWEEN HEAD OF HOUSEHOLD  
AND OTHER MEMBERS**

Relationship	Code
Head of household	01
Husband/Wife	02
Daughter/Son	03
Mother/Father	04
Sister/Brother, Younger sister/brother	05
Mother in law, Father in law	06
Sister in law, brother in law	07
Grandmother, Grandfather	08
Granddaughter, Grandson	09
Other relatives	10
Single	11
Separated from family	12

POPULATION CENSUS SECTION