

Methodological questionnaire

Statistics of employment, wages and hours of work derived from establishment surveys

The objective of this questionnaire is to obtain information about the most important features of the establishment survey(s) carried out in your country since 1990, that are used as sources of statistics of employment, wages and/or hours of work.

Please use as many questionnaires as there are establishment sources for these statistics. For each type of survey, please respond with reference to the latest (most recent) exercise. If you have any questions on which surveys should be covered by this questionnaire, please contact sources@ilo.org before completing the questionnaire. In case the most recent survey was conducted before 1990, please complete only section A. Identification.

This questionnaire is designed to require only a minimum of textual response. The use of pre-coded responses facilitates response but increases the number of pages in the questionnaire. The accompanying document provides international definitions and links to international classifications mentioned in this questionnaire.

We welcome any comments regarding this questionnaire (item J1. "Additional comments"). You can save and print the completed questionnaire at your convenience. Once finished, you can send it to us by clicking the submit button at the end of the questionnaire or by sending a saved copy of the completed questionnaire to sources@ilo.org.

Thank you for your cooperation.

A. Identification				
A1. Country	Thailand			
A2. Title of the survey	2007 Manufacturing Census			
A3. Organisation(s) responsible	National Statistical Office Thailand			
A4. Website where additional information can be found:	http://web.nso.go.th/			

B. Periodicity and coverage

B1. Periodicity: The survey is carried o	ut				
Once a year, continue to B2					
○ Two times a year/half yearly, continu	e to B2				
C Every quarter, continue to B2					
○ Every month, go to B3					
© Every months, continue to B2					
© Every 5 years, go to B3					
Ad hoc survey, continue to B2					
Further comments or explanations (if needed):					
B2. Months of the survey: the surve	y is carrie	ed out in t	the following months		
☐ January ☐ February	•				
☐ March ☐ April					
☐May ☐June					
☐July ☐August					
☐ September ☐ October					
□ November □ December					
B3. Year the survey started: 2006					
B4. Industry coverage: The survey inc	ludes esta	blishmen	ts in the following ISIC rev. 4 groups		
A. Agriculture, forestry and fishing		No	L. Real estate activities	○ Yes	No
B. Mining and quarrying	○Yes	No	M. Professional, scientific and technical	○ Yes	€ No
C. Manufacturing	Yes	○ No	activities	() res	(NO
D. Electricity, gas, steam and air conditioning supply	○Yes	No	N. Administrative and support support service activities	○ Yes	No
E. Water supply, sewerage, wast management and remediation act.	Yes	○ No	O. Public administration; compulsory social security	○ Yes	No
F. Construction	○ Yes	No	O. Defense	○ Yes	No
G. Wholesale and retail trade; repair of	○ Vas	○ No	P. Education	○ Yes	No
motor vehicles	○ Yes	No	Q. Human health and social work activities	○ Yes	No
H. Transportation and storage	○ Yes	No	R. Arts, entertainment and recreation	○Yes	No
I. Accomodation and food service	○ Yes	No	S. Other service activities		No
activities	() les	© 110	T. Activities of household as employers		No
J. Information and communication	○ Yes	No	U. Activities of extraterritorial organizations	○Yes	No
K. Financial and insurance activities	○ Yes		and bodies		
The 2007 Manufacturin	g Census ad	lopted the I	SIC Rev. 3		
Further comments or explanations (if needed):					

B5. Size coverage: The survey covers							
All establishments of any size							
○ All establishments with at least wo	orkers/er	mployees					
Other size coverage:							
B6. Geographical coverage: The survey coveWhole country	ers the .						
Whole country, excluding the following remote/marginal areas:							
Capital city (can include surrounding areas)						
○ The following main cities:							
Only urban areas							
Other geographical coverage:							
B7. Worker coverage: The survey covers th	e followi	ing status	in employment categor	ies			
(a) All persons in the payroll				○ Yes	No		
(b) Only Paid employees				○ Yes	No		
(c) Only Manual / blue collar workers/wage workers/ operatives, etc.	earners,	/ productio	on	○ Yes	No		
(d) Only Non-manual /white collar/administ	trative w	orkers		○ Yes	No		
(e) Paid employees and working proprietors (i	e., own	account w	orkers or employers)	○ Yes	No		
(f) All persons engaged (Paid employees, work	king prop	orietors an	d unpaid family workers)	Yes	○ No		
The following groups are included:							
Pieceworkers	Yes	○ No	Apprentices			○ Yes	No
Part time employees	○ Yes	No	Trainees			○ Yes	No
Seconded employees	○ Yes	No	Employees absent from	work th	ne	Yes	○No
Workers from temporary work agencies	○Yes	No	entire reference period	withou	t pay	(•) Tes	ONO
Casual and temporary employees	○ Yes	No	Employees on probatio	n		Yes	○No
Supervisors	Yes	○ No	Foreign employees			Yes	○No
Managers	Yes	○ No	Workers paid on comm	ission			No
Non-adults/workers below a certain age	○ Yes	No	Homeworkers			○ Yes	No
Volunteer workers	○ Yes	No	Subcontracted workers			○ Yes	No
Other workers not mentioned above:							

Further comments or explanations (if needed):

Person engaged refers to paid and unpaid workers working at the end of the pay period nearest to December of the year. It also included persons who normally worked in the establishments but were absent during the referred period due to illness or on leave with pay, but excluded those persons who were on leave for military services or one who had obtained long leave or were on strike.

B8. Institutional sector coverage: The su	ırvey covers	
Establishments in the the private sector		• Yes No
Establishments in the the public sector		
Unincorporated establishments		
Non-profit institutions		
Foreign establishments located within the o	country	
Establishments which did not operate part	of the reference period	○ Yes
National establishments located abroad		○ Yes
B9. Other coverage: The survey includes of	or excludes other types of	establishments not already mentioned above
C. (Concepts and operation	nal definitions
C1a. The survey measures EMPLOYMEN	C1. EMPLOYME	
The survey measures and a survey man		
C1b. Operational definition: EMPLOYME	ENT relates to	
○ The total number of workers, on:	A specific day:	
	The month of the surv	
	The quarter of the sur	vey
	The whole year	
	Other:	
• The average number of workers during:	○ A specific pay period	
	○ The month of the surv	<i>y</i> ey
	○ The quarter of the sur	vey
	The whole year	
	Other:	
Other:		
C1c. The worker coverage is		
• The same as the survey coverage (c.f. B7	.)	
A different coverage:		
C1d. Further comments or explanations (if needed):		

C2. Earnings

C2a. The survey measures EARNINGS
Yes, continue to C2b No, go to C3a C2b. EARNINGS relates to: GROSS earnings (before any deductions are made by the employer in respect of taxes, contributions of employees to social security and pension schemes, union dues, life insurance premiums, etc.) NET earnings -> Deductions are made for: Workers' contributions to compulsory social security schemes \(\cap \) Yes \(\cap \) No ○Yes ○No - Health related - Pension - Unemployment ○ Yes ○ No Union dues ○Yes ○ No Advanced contributions to income tax Other: C2c. The worker coverage is ... **C2d.** and the **reference period** is ... The same reference period as employment The same as the survey coverage ○ A specific week A different coverage: A specific month Another reference period: **C2e.** Earnings includes: ○ Yes ○ No (a) Payments in kind Further comments or explanations (if needed): (b) Cost of living allowances ○ Yes ○ No ○ Yes ○ No (c) Family allowance allowances ○ Yes ○ No (d) Other allowances in cash (e) Payments for time not worked ○ Yes ○ No (f) Overtime payments ○ Yes ○ No (g) End of year bonuses (h) Profit sharing bonuses ○ Yes ○ No (i) Other regular bonuses paid every pay period ○ Yes ○ No (j) Bonuses paid irregularly ○ Yes ○ No (k) Payments for periods outside the reference period ○ Yes ○ No (I) Payments for items required by the job ○ Yes ○ No (m) Tips and gratuities distributed by the employer ○ Yes ○ No (n) Severance and termination pay ○ Yes ○ No (o) Employers' contributions to workers' social ○Yes ○No security schemes (p) Other components not mentioned above

C3. Wage rates

C3a. The survey measures WAGE RATES Yes, cont	tinue to C3b No, go to C4
C3b. Time unit: WAGE RATES are requested	C3c. Concept:
oper hour per day	Minimum or standard wage rates, fixed by or in pursuance of laws Yes \(\cap \) No
Oper week	regulations
per month	collective agreements Yes No
Other time unit:	arbitral awards
	○ Wage rates actually paid
C3d. The worker coverage is	C3e. and the reference period is
○ The same as the survey coverage	○ The same reference period as employment
○ A different coverage:	○ A specific week
	○ A specific month
	○ Another reference period:
C3f. Wage rates includes:	
(a) Payments in kind	○ No
(b) Cost of living allowances Yes	No
(c) Family allowances	No
(d) Other allowances in cash Yes	○ No
(e) Payments for time not worked \(\text{Yes} \)	○ No
(f) Overtime payments	No
(g) Other components not mentioned above	
Further comments or explanations (if needed):	
C4. Comp	pensation of employees or Labour Cost
C4a. The survey measures COMPENSATION OF EMPLOY LABOUR COST	YEES or • Yes, continue to C4b • No, go to C5
C4b. The worker coverage is	C4c. and the reference period is
The same as the survey coverage	The same reference period as employment
○ A different coverage:	○ A specific week
	○ A specific month
	○ A different reference period:

C4d. Compensation of employees or Labour cost includes:	
(a) Payments in kind	○ Yes No Further comments or explanations (if
(b) Cost of living allowances	○ Yes No needed):
(c) Family allowance allowances	○ Yes No
(d) Other allowances in cash	○ Yes No
(e) Payments for time not worked	○ Yes No
(f) Overtime payments	● Yes ○ No
(g) End of year bonuses	● Yes ○ No
(h) Profit sharing bonuses	○ Yes No
(i) Other regular bonuses paid every year	● Yes ○ No
(j) Bonuses paid irregularly	○ Yes No
(k) Payments for periods outside the reference period	○ Yes No
(I) Payments for items required by the job	○ Yes No
(m) Tips and gratuities distributed by the employer	○ Yes No
(n) Severance and termination pay	○ Yes No
(o) Employers' contributions to workers' social security schemes	
(p) Workers' social benefits provided by the employer	● Yes ○ No
(q) Employers' cost of training	○Yes
(r) Employers' expenses for welfare services	
(s) Taxes paid by the employer on employment payrolls,etc.	○Yes
(t) Employment related subsidies received by the employer	○Yes No
(u) Other components not	
mentioned above	
C5. Contractual/Norma	al hours of work
C5a. The survey measures CONTRACTUAL/NORMAL HOURS OF	WORK ○ Yes, continue to C5b No, go to C6
C5b. CONTRACTUAL/NORMAL HOURS OF WORK relates to ho	urs fixed by:
Laws or regulations Yes ONo	
Collective agreements	C5c. Information is requested about normal hours
Establishments' internal regulations Yes No	○ per day
	○ per week
Other	○ per pay period
	○ per month
	Oother:
C5d. Information is requested in C5e. The reference per	riod is C5f. And the worker coverage is
O Days O The same reference	period as for wages
○ Half days ○ Another reference p	
Hours	
○ Minutes	
Other time unit:	

C6. Hours paid for

C6a. The survey measures HOURS PAI	D FOR Yes, continue to C6b No, go to	C7	
C6b. Information is requested in	C6c. The reference period is	C6d. And the worker coverage is	
○ Days	○ The same reference period as for wages	○ The same workers as for wages	
○ Half days	○ Another reference period:	○ Another coverage:	
○ Hours			
○ Minutes			
Other time unit:			
C6e. Hours paid for includes time paid	I due to		
(a) Overtime	○ Yes ○ No (h) Down time (including stand	by time)	
- Paid at special rates	Yes No (i) Time not worked (absence fro	om work)	
- Paid at normal rates	○ Yes ○ No - Vacation time	○Yes ○No	
- Compensated with time off	○ Yes ○ No - Sick leave	○ Yes ○ No	
(b) Work at home	Yes No - Occupational injuries	○Yes ○No	
(c) Travelling time required by the job	○ Yes ○ No - Labour disputes	○Yes ○No	
(d) Meal breaks	○ Yes ○ No - Other time not worked	○Yes ○No	
(e) Commuting time	○ Yes ○ No (j) Other:		
(f) Time for preparation	○ Yes ○ No		
(g) Training time	○Yes ○No		
Further comments or explanations (if needed):			
C6f. The survey measures ABSENCE FF	ROM WORK separately Yes No		
C6g. The survey measures OVERTIME	separately Yes \(\cap \text{No} \)		
	C7. Hours actually worked		
C7a. The survey measures HOURS ACT	FUALLY WORKED • Yes, continue to C7b	No, go to C8	
C7b. Information is requested in	C7c. The reference period is	C7d. And the worker coverage is	
○ Days	○ The same reference period as for wages	○ The same workers as for wages	
○ Half days	○ Another reference period:	○ Another coverage:	
Hours			
○ Minutes			
Other time unit:			

C7e. Hours actually worked includes time paid due to (a) Overtime ○ Yes ● No - Paid at special rates ● Yes ○ No (i) Time not worked (absence from work) - Paid at normal rates - Vacation time - Compensated with time off ○ Yes ● No - Sick leave ○ Yes ● No - Unpaid and not compensated with time off - Occupational injuries (b) Work at home ○ Yes ● No - Labour disputes ○ Yes ● No (c) Travelling time required by the job Yes ○ No - Other time not worked ○ Yes ● No (j) Other: (d) Meal breaks (e) Commuting time (f) Time for preparation Yes ○ No (g) Training time Yes \(\cap \) No **Further comments** or explanations (if needed): **C7f.** The survey measures **ABSENCE FROM WORK** separately **C7g.** The survey measures **OVERTIME** separately **C8.** Other topics **C8a.** The survey measures **LABOUR TURNOVER** Yes, continue to C8b No, go to C9a **C8b. LABOUR TURNOVER** includes the following components Workers who were hired ○ Yes ○ No Workers who were fired ○Yes ○No Workers who resigned ○Yes ○No Workers who retired ○Yes ○No Other **C8c.** The **reference period** is ... **C8d.** and the worker coverage is ... The same workers as hours paid/hours actually The same reference period as hours paid/hours actually worked worked Another reference period: Another coverage: Yes, continue to C11b **C9a.** The survey measures **VACANCIES** No, go to C10 **C9b. VACANCIES** are defined as: C10. Other topics: The survey measures other topics not mentioned above, namely ...

D. Classifications

	The establishment size categories used to group establishments are
1-15; 16-25; 26-30; 31-50; 51-	200: 201+
D2a. Industry (branch o	f economic activity): The classification used to code industry is (based on)
○ ISIC rev 2	
○ ISIC rev 4	
O NACE, NAICS	
National classification:	
National classification.	
Other:	
D2b. Number of groups d	istinguished at the most detailed level when coding industry 0 groups
D2c. Computer assisted/a	automatic coding is used Yes No
D2d. If not using ISIC, it is	s convertible to ISIC:
Yes, to	
O ISIC, rev. 2	2e. The most important deviations between the classification used and the international
Clarev. 3	assification (at the Section - one digit - level) are:
O ISIC, rev. 4	
No	
(NO	
D3a. Occupation: If infor	mation by occupation is collected, the classification used to code occupation is (based on):
○ISCO-68	
○ISCO-88	
○ISCO-08	
National classification:	
Other:	
D3b. Number of groups d	istinguished at the most detailed level when coding occupation groups
D3c. Computer assisted/a	automatic coding is used Yes No
, ,	
D3d. If not using ISCO, it is	is convertible to ISCO
Yes, to	
○ ISCO-68	D3e. The most important deviations between the classification used and the international
	classification (at the Major Group - one digit - level) are:
◯ ISCO-08	
○ No	

Standard Classification of Labour Cost D4b. If **no**, the most important differences between the national classification and the international classification are: Payments in kind (group IV) include Cost of workers' housing borne by employers (group V) and Cost of welfare services (group VIII) Direct wages and salaries (group I) and Remuneration for time not worked (group II) are merged Other differences: D5. The survey uses other classifications, as follows: □ Geographical regions Legal status of the establishment (i.e., institutional sector, type of ownership, etc.). Cooperatives are separetely identified Yes No Others: D6. Further comments or explanations (if needed): E. Questionnaire design **E1. Number of questionnaires:** the survey uses ... One questionnaire Different types of questionnaires for different types of economic units: One questionnaire for the economic unit as a whole, one for workers individually Other: **E2.** The unit(s) of observation: Information is obtained ... For the establishment as a whole (go to E3) For (groups of) occupations within the establishment (go to E3) For each individual worker in the establishment (go to E4) For a sample of workers in the establishment (go to E4)

D4a. Labour cost components: If measuring labour cost, the classification of labour cost components is the International

Disaggregations	Employment	Wages concept (earnings, wage rates, etc	Working time concep	rts
Sex	П			
Age group				
Education level categories				
Occupation				
Manual/non-manual				
Full-time/part-time				
Skilled/semi-skilled/unskilled				
Casual/permanent worker				
Apprentices			İ	
Adults/young workers				
Other disaggregation:	X			
 ☐ Age (adults/young) ☐ Education level ☐ Occupation ☐ Full time/part time schedule ☐ Casual/permanent status ☐ Apprentices ☐ Other information: 				
 □ Education level □ Occupation □ Full time/part time schedule □ Casual/permanent status □ Apprentices 	obtains information	separately for Wage rates		ompensation o employees or labour cost
 □ Education level □ Occupation □ Full time/part time schedule □ Casual/permanent status □ Apprentices □ Other information: E5. Wage components: the survey	obtains information			employees or
☐ Education level ☐ Occupation ☐ Full time/part time schedule ☐ Casual/permanent status ☐ Apprentices ☐ Other information: E5. Wage components: the survey	obtains information			employees or labour cost
☐ Education level ☐ Occupation ☐ Full time/part time schedule ☐ Casual/permanent status ☐ Apprentices ☐ Other information: E5. Wage components: the survey Payments in kind Cost of living allowances	obtains information			employees or labour cost
☐ Education level ☐ Occupation ☐ Full time/part time schedule ☐ Casual/permanent status ☐ Apprentices ☐ Other information: E5. Wage components: the survey Payments in kind Cost of living allowances Family allowances	obtains information			employees or labour cost
Education level Occupation Full time/part time schedule Casual/permanent status Apprentices Other information: E5. Wage components: the survey Payments in kind Cost of living allowances Family allowances Overtime payment				employees or labour cost
☐ Education level ☐ Occupation ☐ Full time/part time schedule ☐ Casual/permanent status ☐ Apprentices ☐ Other information: E5. Wage components: the survey Payments in kind Cost of living allowances Family allowances Overtime payment Employers' social security contribu	tions			employees or labour cost
Education level Occupation Full time/part time schedule Casual/permanent status Apprentices Other information: E5. Wage components: the survey Payments in kind Cost of living allowances Family allowances Overtime payment Employers' social security contribution	tions			employees or labour cost
☐ Education level ☐ Occupation ☐ Full time/part time schedule ☐ Casual/permanent status ☐ Apprentices ☐ Other information: E5. Wage components: the survey Payments in kind Cost of living allowances Family allowances Overtime payment Employers' social security contribu	tions			employees or labour cost

F. Sample design **F1.** The **sampling unit(s)** is/are ... (all relevant options are indicated) ☐ Enterprise **区** Establishment ☐ Employee Other: **F2.** The **sample frame** is ... (all relevant options are indicated) ■ Business register ☐ Employee or population register ☐ Area frame F3. The sources of information used to construct the register are ... (all relevant options are indicated) 区 Economic, Industrial, Establishment census Agricultural census Registers kept by the government ☐ Industrial/bussines directories Licence records Sales tax records ☐ Income tax records Unemployment insurance records Pension coverage records Other, namely: Records of workers or employers' associations Field operations Other, namely: F4. Frame coverage: The percentage of all paid employees and/or economic units covered by the sample frame ... % of all employees, and/or 100 % of all economic units **F5.** Updating frequency: The sample frame is updated ... ○ Every months years Continually O Not updated with a specific frequency Never updated **F6.** Type of sample Complete enumeration, go to F10 ○ Random sample, go to F7 OPurposive sample, go to F10 Other, go to F10:

F7. The sample is stratified
○ Yes: ○ No
☐ By region/location
☐ By industry
☐ By public and private sectors
☐ By size (or number of workers) the strata are the same as those indicated in D1 above: ○ Yes: ○ No
Establishments above this size are included with certainty in the sample
Other strata:
F8. Sample error - relative standard error for each concept (may be percentages or ranges of percentages)
F9. Sample size: The number of economic untis and/or workers in the final sample (or an estimate of the relative size)
economic units (establishments/enterprises) % of economic units
workers % of all workers
F10. Further comments or explanations (if needed):
G. Data collection
G1. Method(s) of data collection: Data are collected through (more than one option may be selected)
Personal interview G2. If personal or telephone interview, Yes No
Telephone interview computer assisted interview is used
☐ Mail
Online/web based questionnaire
Other, namely:
G3. Substitution of units
○ Yes, in case of non-response
○ Yes, in other cases:
No No
G4. Non response rate: Percentage of all units in the final sample that are not inteviewed
% of all units
G5. Timeliness: Number of days or months between the reference period and the release of the results
days or 12 months
G6. Further
comments or
explanations (if

	H. Est	timates				
H1. Estimation procedures (more than one option may be selected)						
▼ Take into account estimates from a previous reference period						
⊠ Use benchmark data						
▼ For employment						
For wages						
For working time						
Adjust for seasonality						
Other adjustments, please s	pecify					
	Perceives Survey / Cross data					
H2 . If benchmark data are used						
the type of benchmark data us	ed					
is:						
H3. Types of indicators produc	:ed (more than one option o	can be selected)				
(a) Average earnings (per worker)	(b) Median earnings (per worker)	(c) Real earnings (per worker)	(d) Labour cost (per worker)			
per year	per year	per year	🔀 per year			
per month	per month	per month	per month			
per week	per week	per week	per week			
per day	per day	per day	per day			
per hour (actual or paid)	per hour (actual or paid)	per hour (actual or paid)	per hour (actual or paid)			
(e) Hours actually worked (per worker)	(f) Hours paid for (per worker)	(g) Overtime hours (per worker)	(h) Absence from work hours (per worker)			
per year	per year	per year	per year			
per month	per month	per month	per month			
per week	per week	per week	per week			
per day	per day	per day	per day			
(i) Workers by levels of earnings	(j) Earnings	(k) Earnings in each decile/ quartile	(I) Workers by levels of hours (paid or actual)			
Number of workers	☐ Deciles	Average earnings	□ Number of workers			
Percentage of workers	Quartiles	☐ Median earnings	Percentage workers			
(m) Wage indexes		(n) Other indicators pr	oduced:			
☐ Simple unweighted index of	f growth					
	occupational employment weig	ghts				
Laspeyres index with indust	rial employment weights					
Other wage index:						
H4. The above indicators are calculated for all workers covered						
○Yes						
No, to a subset:						

H5. Links to Laborsta series: Statistics from this survey are presented in the following LABORSTA series		
2E - Paid employment by economic activity		
2F - Paid employment in manufacturing		
4A - Hours of work by economic activity		
4B - Hours of work in manufacturing		
5A - Wages by economic activity		
5B - Wages in manufacturing		
6A - Labour cost in manufacturing		
OI - Hours of work and wages in detailed occupations (October Inquiry)		
H6. The statistics published in LABORSTA have the same coverage and follow the same definitions described above	○Yes	○No
If no , the main differences are as follows:		
I. Historical information		
I1. Main changes in this survey since 1990 that have led to breaks in the series		
I2. Additional comments on the survey		
Additional comments regarding the questionnaire		

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE