MANPOWER AND SOCIAL STATISTICS

TOPICS	ELEMENTS	SUBJECT: SALARIES & WAGES SURVEY REPORT
		INFORMATION
1.Source Organisation	Contact person and organisation:	Name : Riyanti bt Saari Title : Director Address : Manpower and Social Statistics Division Department of Statistics, Malaysia Level 6, Block C6, Parcel C Federal Government Administrative Centre 62514 Putrajaya, Malaysia Phone No : 03 – 8885 7171 Fax No : 03 – 8888 9233 e-mail : riyanti@stats.gov.my
	Data sources used:	Household Survey

	Name of collection / source used:	Salaries and Wages Survey
	Direct source:	Department of Statistics, Malaysia
	Source periodicity:	Monthly
	Source metadata:	Central repository
	Date last input received from source:	18 days after data collection

2. Data Characteristic and Collection	Variables collected:	The information collected are as follows: Salaries and Wages Survey Questionnaire i) LFS - 1 : Identification Particulars ii) LFS - 2 : Household Member Particulars iii) LFS - 3/1 : Labour Force Particulars (For Members 15 Years and Over) iv) LFS - 3/2 : Principal Job Particulars (For Members 15 Years and Over) v) LFS - 3/3 : Particulars on Salaries and Wages (Government Employee/Private Employee)

	Sampling Frame:	The frame used for the Salaries & Wages Survey is from the National Household Sampling Frame, Department of Statistics, Malaysia which is made up of Enumeration Blocks (EBs) created for the 2010 Population and Housing Census of Malaysia. EBs are geographically contiguous areas of land that is created with identifiable boundaries. On average, each EB contains about 80 to 120 living quarters. Generally, all EBs are formed within gazette boundaries i.e. within administrative district, mukim or local authority areas.
	Sampling Design	Two levels of stratification are used, i.e., primary stratum (made up of states of Malaysia, including federal territories) and secondary stratum (made up of urban and rural stratum formed within the primary stratum). Samples are drawn independently within each level of the secondary stratum. The first stage of units of sample selection is the EB level while the second stage units are the living quarters (LQs) within the selected EBs. All households and persons within the selected LQs are canvassed.
	Periodicity:	Monthly
	Reference period:	The reference period for Salaries & Wages Survey is one month prior to interview session and data collection. For 2013 Salaries & Wages Survey, there were six reference periods i.e.:

	Reference period	**Survey month**
i.	December 2012	January 2013
ii.	January 2013	February 2013
iii.	February 2013	March 2013
iv.	March 2013	April 2013
v.	April 2013	May 2013
vi.	May 2013	June 2013

	Base period:	n.a.

	Date last updated:	2013
	Link to release calendar:	n.a.
	Other data characteristics and collection:	n.a.
3. Statistical Population and Scope of the Data	Statistical population:	Households
	Geographical coverage:	Malaysia
	Sector coverage:	n.a.
	Institutional coverage:	n.a.
	Item/Product coverage:	n.a.
	Population coverage:	Household members aged 15 years and over whose employment status is either private sector or government employees.
	Product coverage:	n.a.

	Other coverage:	n.a.
4. Statistical Concepts and Classifications Used	Key statistical concepts used:	International Labour Office (ILO) Manual On Concepts and Methods: An integrated system of wages statistics
	Classifications used:	❖Malaysia Standard Industrial Classification (MSIC) 2008; based on the the International Standard Industrial Classsification of All Economic Activities (ISIC), Rev. 4 ❖Malaysia Standard Classification of Occupations (MASCO) 2008, based on the International Standard Classification of Occupations (ISCO-08).
5. Statistical Computation and Dissemination	Aggregation and consolidation:	State and national level
	Estimation:	The Combined Ratio Estimate Method was used to obtain the estimate of a specific characteristic in the survey population. The first half year population estimates of the survey year by age, sex, ethnic and state were used as benchmarks.
	Imputation:	n.a.
	Transformations:	Principal statistics of the salaries and wages are: i. Mean; ii. Median; iii. Number of recipients; and iv. Gender wage gap.

	Validation:	Structure, consistency, range and logical checks.
	Index type:	n.a.
	Weight:	Adjusted weight is used to take into account the non-response cases. In multi-stage sampling design, the sample size is a random variable and aggregates directly estimated from the survey can have large sampling errors. External weight is used to minimise sampling error in Salaries & Wages Survey, the external weight is the population factor. The population factor is obtained through up-to-date estimates of population totals which is used to inflate the various rates and ratios estimated from the survey.
	Seasonal adjustment:	Estimates are not seasonally adjusted.
	Other computation and adjustments:	n.a.
	Dissemination formats:	Printed and digital
6. Other Aspects	Recommended uses and limitations:	i. Since the survey estimates are based on a sample survey, they are subject to sampling and non-sampling errors. ii. The Salaries & Wages Survey data is subjected to 95 per cent confidence intervals.
	History:	2006 - Salaries and Wages pilot study 2007 - The first Salaries and Wages Survey Report Time series data is available from 2010-2013
	Time series data availability:	Annual data is available starting from 2010 onwards.