



On Career Development Planning for Statistician

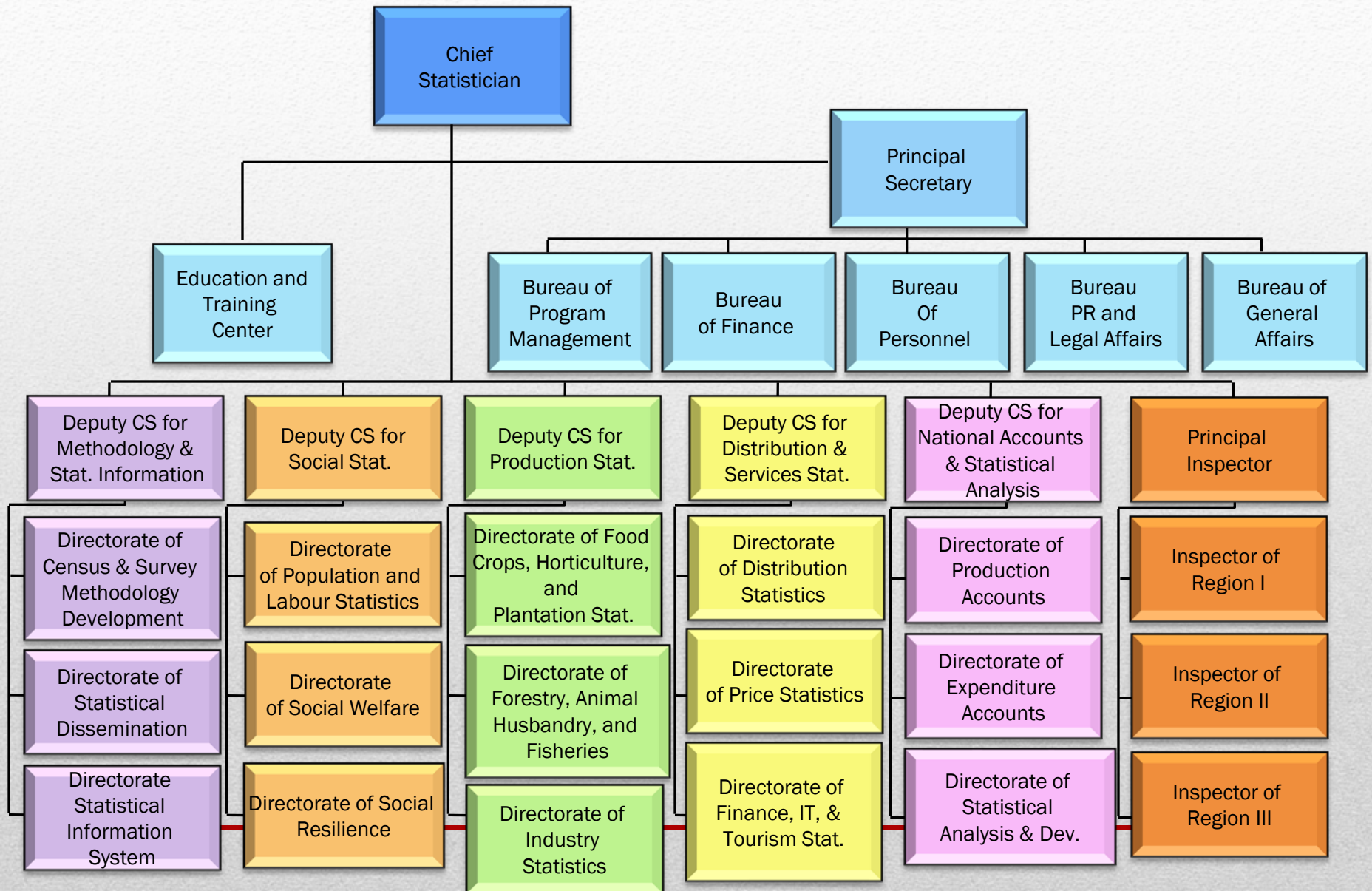
ETC, BPS-Statistics Indonesia

*Presented for Sixth Workshop on Forging Partnerships in Statistical Training in Asia and the Pacific:
Networking and Coordination for Agricultural and Rural Statistics,
Tsukuba, Japan, 2-4 Sept 2014*

Indonesia



Organization Structure of BPS Headquarters



Presidential Decree No 39/2007
BPS-Statistics Indonesia acts as an
advisory body for statistician



Education and Training Center (ETC) BPS-Statistics Indonesia

- Position:
 - One of BPS' units, in charge of education and training
 - Reports directly to Chief Statistician of BPS
 - Supervised by the Principal Secretary of BPS
- Tasks:
 - To provide trainings on leadership, management, official statistics (general statistics, poverty measurement, sampling design, statistical map and GIS), ICT etc.



Statisticians in Indonesia

Legal Basis

- Law No.16/1997 on Statistics
- Government Regulation No 16/1994 on Gov't Employee
- State Minister PAN and Bureaucratic Reform Regulation No. 19/2014 on Functional Statistician

Who is Statistician?

- Government employee who is given tasks and authorities to do statistical activities in governmental agencies

Level of Statistician

- Junior Statistician (a.k.a Statistisi Terampil)
- Senior Statistician (a.k.a Statistisi Ahli)



What to expect from Statistician at all levels

- Junior Statistician:
 - Has technical statistics capability to perform statistical activities such as collecting, processing, presenting and disseminating data,
 - Supporting Senior Statisticians in order to carry out more advance statistical duties.
- Senior Statistician:
 - Analyzing more advance of data collected by Junior Statisticians
 - Providing technical advisory to enhance capability of Junior statistician



Requirements to be Statistician

- Junior Statistician:
 - Holds 3 year Diploma degree from any areas other than Statistics/Mathematics,
 - Has minimum level 5th (II/a) of Gov't employee's rank system
 - Maximum 50 years old
 - Recommended by his/her supervisor,
 - Pass Junior Statistical training.
 - Senior Statistician:
 - Has Bachelor or Post Graduate Degree from any areas other than Statistics/Mathematics,
 - Has minimum level 9th (III/a) of Gov't employee's rank system
 - Maximum 50 years old
 - Recommended by his/her supervisor,
 - Pass Senior Statistical training
-



Training Objectives

- **Junior Statistician:** provides knowledge and skills of data collection, processing, preparation, presentation, and dissemination.
- **Senior Statistician:** provides the knowledge and skills of data analysis or modelling



Training Modules for Junior Statistician

No	Type of Module	Hour Lecture
1	Administration and Evaluation System	8
2	Introduction to Mathematics	12
3	Introduction to Statistics	12
4	Data Collecting	12
5	Data Processing Techniques	12
6	Data Presentation	12
7	Statistics Measurements	12
8	Basic Sampling Method	12
9	Regression	24
10	Time Series Analysis	24
11	Index Numbers	12
12	Data Processing Package (e.g. SPSS)	40
	Total	204



Training Modules for Senior Statistician

No	Type of Module	Hour Lect
1	Administration and Evaluation System	10
2	Research Methods	12
3	Probability	12
4	Sampling Method (Advance)	12
5	Writing Scientific Report	10
6	Data Exploration	12
7	Data Processing Package (Advanced SPSS)	40
8	Test of Hypothesis	12
9	Non Parametric Statistics	12
10	Index Numbers	12
11	Advanced Regression	20
12	Advanced Time Series	20
13	Ethics and Profession Development	8
14	Documentation and Report	16
	Total	208





Thank You

More information:

<http://www.bps.go.id> or
<http://pusdiklat.bps.go.id>
