

### 12.1 Penang: Life Expectancy at Birth, 2007, 2008, 2009 & 2010

	2007	2008	2009	2010
Male	71.9	71.5	71.7	71.6
Female	76.4	76.3	76.5	76.4

Source: Penang State Health Department

### 12.2 Penang: Health Manpower, 2009, 2010 & 2011

Post	2009		2010		2011	
	No. of Post	Post Filled	No. of Post	Post Filled	No. of Post	Post Filled
<b>Total Number of State Health Department Manpower</b>	<b>11,356</b>	<b>9,670</b>	<b>11,356</b>	<b>9,670</b>	<b>12,168</b>	<b>10,684</b>
<b>Professional</b>						
Medical Officer	1,436	900	1,436	900	2,399	1,507
Dental Officer	123	67	123	67	139	107
Pharmacist	244	200	244	200	312	299
<b>Paramedic</b>						
Assistant Environmental Health Officer	169	130	186	179	196	186
Staff Nurse	2,819	2,668	2839	2598	2,826	2,638
Medical Laboratory Assistant	251	222	265	259	280	268
Medical Assistant	532	438	564	494	568	487
Dental Nurse	176	145	182	169	182	172
Dental Technician	37	31	39	36	39	36
Community Nurse	882	803	926	886	934	908
Assistant Nurse	132	91	127	64	77	34

Source: Penang State Health Department

### 12.3 10 Principal Causes of Deaths in Penang Government Hospitals, 2011

No.	Main Causes of Deaths	2011	
		No. of Deaths	%
1	Diseases of the Circulatory System	935	26.33
2	Certain Infectious and Parasitic Diseases	656	18.47
3	Diseases of the Respiratory System	599	16.87
4	Neoplasm	459	12.93
5	Injury, Poisoning and certain other consequences of external causes	220	6.20
6	Diseases of the genitourinary system	182	5.13
7	Diseases of the Digestive System	176	4.96
8	Endocrine, Nutritional and Metabolic Diseases	99	2.79
9	Certain conditions originating in the perinatal period	88	2.48
10	Diseases of Nervous System	44	1.24
	<b>Total Deaths (10 Main Causes)</b>	<b>3,458</b>	<b>97.38</b>
	<b>Other Remaining Hospital Deaths</b>	<b>93</b>	<b>2.62</b>
	<b>Total Hospital Deaths</b>	<b>3,551</b>	<b>100</b>

*Source: Penang State Health Department*

### 12.4 Penang: Number of Beds, Bed Occupancy Rate (BOR) & Average Length of Stay (ALOS) for Government Hospitals, 2011

Hospital	No. of Bed	B.O.R	A.L.O.S
Hospital Pulau Pinang	1107	82.63%	5.07
Hospital Seberang Jaya	314	110.75%	3.22
Hospital Bukit Mertajam	242	64.12%	3.72
Hospital Kepala Batas	108	71.95%	2.82
Hospital Sungai Bakap	105	56.42%	2.91
Hospital Balik Pulau	71	60.45%	5.33
<b>Total</b>	<b>1947</b>	<b>82.05%</b>	<b>4.14</b>

B.O.R. - Bed Occupancy Rate  
A.L.O.S - Average Length of Stay