



1-4 December, 2020

VIRTUAL
WORLD CONGRESS

10TH CONGRESS OF THE
WORLD FEDERATION OF PEDIATRIC
INTENSIVE & CRITICAL CARE SOCIETIES



World Federation of Pediatric Intensive &
Critical Care Societies



Snapshot – Asia: pediatric nursing specialities

Sub-specialties within pediatrics

- Cardiology
- Gastroenterology
- Haematology & Oncology
- Intensive Care
- Nephrology
- Psychological Medicine
- Neonatology
- Genetics
- Endocrinology
- Rheumatology/Immunology
- Adolescence Medicine
- Cleft & Craniofacial
- Otolaryngology
- Respiratory Medicine
- Infectious Diseases
- Dermatology





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Snapshot – Asia: education process to becoming a PICU nurse

Journey to PICU nursing qualification

- The following qualifications will allow you to become a Registered Nurse
 - Diploma in Nursing/Diploma in Health Sciences (Nursing)
 - Accelerated Diploma in Nursing (Diploma/Degree graduates with working experience)
 - Degree in Nursing
- After becoming a Registered Nurse, it's possible to specialise in pediatrics.
- To complete a Pediatric or Intensive Care Nursing Course it is necessary to be a Registered Nurse registered with the Singapore Nursing Board (SNB) and with one-year experience in Pediatric Nursing





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Snapshot – Asia: WHO state of the world's nursing 2020 Report



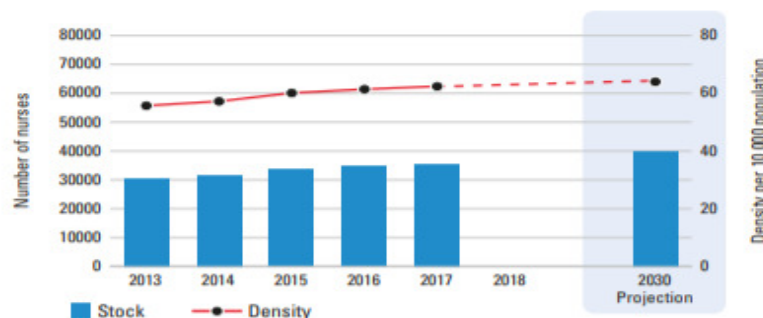
This map is an approximation of actual country borders.

Singapore

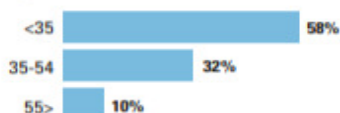
	COUNTRY	WHO REGION
Total population (UN population prospects, 2019)	5804343	193086657
UHC Service Coverage Index (0-100 points, 2017)	86	-
Life expectancy at birth m/f (years, 2016)	80.8/85.0	75.0/78.9
Probability of dying under five (per 1 000 live births, 2018)	2.8	11.8
Probability of dying between 15 and 60 years m/f (per 1 000 population, 2016)	65/38	104/69
Gross domestic product (GDP) (per capita US\$, 2017)	58975	11286
Current health expenditure as a per cent of GDP (2017)	4.4	7.1
Current health expenditure per capita (US\$, 2017)	2619	1026

Source: WHO

Nursing stock and density 2013-2018



Age distribution



Sex distribution



Nurse mobility

Foreign trained: NR
Foreign born: NR

Country capacity on:

✓ Yes ✖ Partial ✗ No NR No Response

EDUCATION REGULATION

- Master list of accredited education institutions ✓
- Accreditation mechanisms for education institutions ✓
- Standards for duration and content of education ✓
- Standards for interprofessional education ✗
- Standards for faculty qualifications* ✓

PRACTICE REGULATION

- Nursing council/authority for regulation of nursing* ✓
- Fitness for practice examination* ✓
- Continuing professional development ✓
- Existence of advanced nursing roles ✓

WORKING CONDITIONS

- Regulation on working hours and conditions ✓
- Regulation on minimum wage ✓
- Regulation on social protection ✓
- Measures to prevent attacks on HWs ✓

GOVERNANCE AND LEADERSHIP

- Chief Nursing Officer position* ✓
- Nursing leadership development program* ✓
- National association for pre-licensure students* ✓

Nursing personnel (latest year)

35636

Nursing professionals	Nursing associates	Nurses not further defined
28315	7321	0

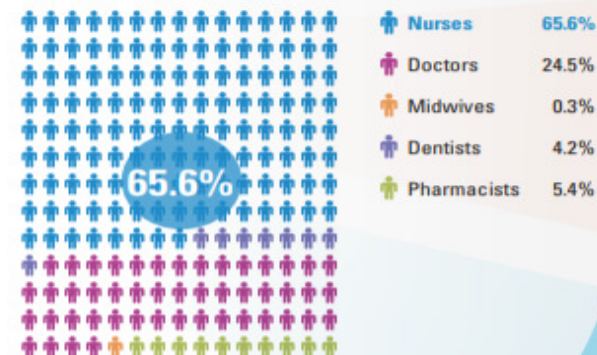
Share of professional nurses
79%

Density
62.4 per 10 000 population

Graduates per year
NR

Minimum duration of training
3 years

Share of nurses within the health workforce



Issues for consideration

Density above threshold, no estimation for shortage.

*As compared to a benchmark density. Details in *State of the world's nursing 2020 report* and *Global Strategy on Human Resources for Health: Workforce 2030*

Source: National Health Workforce Accounts (NHWA), 2020 except for 1. Latest available data are displayed. Includes multiple data sources such as the OECD/Eurostat/WHO EURO Joint Data Collection, labour force survey, census data and estimates from WHO for shortages. Stock and density projection by 2030 based on a simple stock and flow model. See full report for further details. NR=Not reported. Data as of 10 March 2020.