

IntroductionThe 2006 Global Pharmacy Workforce and Migration Report – a Call for Action’ was a landmark publication of the FIP that provided the first global snapshot of pharmacy workforce trends and made recommendations on required actions to build capacity and strengthen the pharmacy workforce (www.fip.org/hr). To further the evidence base on the pharmacy workforce, FIP is seeking the collaboration of stakeholders to gather updated data on the pharmacy workforce (pharmacists and pharmacy technicians) relating to its description, demographics and planning. This data will be published in the 2009 FIP Global Pharmacy Workforce Report alongside case studies and guidance. It is anticipated that this data will be made publicly accessible for analysis and policy development. Your efforts in contributing data are essential and we would appreciate as much detail as you are able to provide. FIP is also assembling a network of country contacts for pharmacy workforce, education, regulation and competency frameworks. Your assistance in identifying the appropriate contacts is most valued to facilitate the development of further work in these areas.If you prefer, you may also print this questionnaire and send it via postal service or fax to the FIP Secretariat:FIP Global Pharmacy Workforce QuestionnaireInternational Pharmaceutical FederationPO Box 842002508 AEThe HagueThe NetherlandsFax number: +31 70 302 1999If your organisation does not have access to the data requested please forward to the appropriate contact and inform Sarah Whitmarsh, Project Assistant, education@fip.orgIf you have any queries regarding the content of this questionnaire please contact Xuanhao Chan, Project Manager, xuanhao@fip.orgPlease note that definitions of specific underlined terms used in the context of this survey are provided by clicking on the question mark icons.Thank you very much for your time and support. Please start with the survey now by clicking on the Continue button below.

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Q1.Country

Q2.Contact completing this questionnaire

Title

First name

Surname

Job title

Organisation/Agency

Email

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Website

Phone

Fax

Address

SECTION 1: COUNTRY INFORMATION

This section gathers basic statistics about pharmacies and the pharmacy workforce (pharmacists and pharmacy technicians) from your country. If data is not for 2007 please state the year of data in the table. If data is sourced from other contacts and sources please list them below. If data is not available please state N/A. If data is estimated, state the data source as 'estimation'. Feel free to clarify any answers you have provided in the 'additional comments' box in each part of this section.

Q3. Pharmacies

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

	Number	Year of data	Data source
Total number of pharmacies			
Number of hospital pharmacies/pharmacy departments			
Number of community pharmacies			
Number of pharmacies in primary healthcare facilities			
Number of pharmacies in other settings (Please describe in the space below)			

Q4. Pharmacy ownership in my country is (tick one):

- Restricted to pharmacists
- Restricted to healthcare professionals
- Unrestricted
- Other - please describe

Q5. Is there a limit on the number of pharmacies an individual or company can own?

- Yes
- No
- Please describe if Yes:

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Q6.Additional comments

Q7.Pharmacy workforce

	Number	Year of data	Data source
Total number of licensed pharmacists			
Total number of female licensed pharmacists			
Total number of actively practicing and licensed pharmacists			
Total number of actively practicing and licensed female pharmacists			
Total number of newly licensed pharmacists in 2007			
Number of newly licensed foreign pharmacists in 2007			
Total number of pharmacy technicians			
Total number of newly licensed pharmacy technicians in 2007			

Q8.Practice distribution

	Number or	Year of	Data
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Please contact Sarah Whitmarsh if you have any questions regarding this survey.

	percentage	data	sources
Academia and/or research			
Community			
Hospital			
Industry			
Regulatory			
Other			

Q9.Additional comments

SECTION 2:PHARMACY EDUCATION STATISTICS FOR 2007

This section collects data on the number of pharmacy graduates and the number of training institutions in your country in 2007. If data is not available for 2007 please state the year of data in the table below. If data is sourced from other contacts and sources please list them below. If data is not available please state N/A.Feel free to clarify any answers you have provided in the 'additional comments' box.

Q10.Graduates

	Number	Year of data	Data sources
Total number of pharmacy graduates (pharmacists) in 2007			
Total number of pharmacy technician graduates in 2007			

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Q11.Training institutes

	Total	Total accredited	Accredited Public	Accredited Private for profit	Accredited Private Not for profit
Number of schools of pharmacy					
Number of pharmacy technician training schools					

Q12.Which authority is responsible for the accreditation of schools of pharmacy in your country?

Authority/agency

Email

Website

Phone

Fax

Address

Q13. Which authority is responsible for the accreditation of pharmacy technician training schools?

Authority/agency

Email

Website

Phone

Fax

Address

Q14. What is the minimum period of full-time undergraduate education for pharmacists (pharmacy school)?

- 3 years
- 4 years
- 5 years
- 6 years
- Other - please state

Q15. What is the minimum period of further full-time experiential learning to become licensed as a pharmacist (internship)?

- None
- 3 months
- 6 months
- 1 year
- Other - please state

Q16. What is the minimum period of full-time education for pharmacy technicians (technician training school)?

- None
- 6 months
- 1 year
- 2 years
- 3 years
- Other - please state

Q17.What is the minimum period of further full-time experiential learning to become licensed as a pharmacy technician (internship)?

- None
- 3 months
- 6 months
- 1 year
- Other - please state

Q18.Additional comments

SECTION 3:PHARMACY WORKFORCE REGULATION

This section gathers information on authorities and practices regulating the pharmacy workforce in your country.Feel free to clarify any answers you have provided in the 'additional comments' box.

Q19.Is there a legal requirement for pharmacists to be registered or licensed in your country?

- Yes
- No

Q20.If yes, which authority is responsible for registering or licensing pharmacists?

Authority/agency

Email

Website

Phone

Fax

Address

Q21.What are the requirements to maintain registration or licensure as a pharmacist in your country?

Q22.Is there a legal requirement for pharmacy technicians to be registered or licensed in your country?

Yes

No

Q23.If yes, which authority is responsible for registering or licensing pharmacy technicians?

Authority/agency

Email

Website

Phone

Fax

Address

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Q24.What are the requirements to maintain registration or licensure as a pharmacy technician in your country?

Q25.Additional comments

SECTION 4:PHARMACY WORKFORCE COMPETENCY FRAMEWORK

This section gathers information about existing competency frameworks for pharmacists and pharmacy technicians in your country. For each item in this section, please select the one most appropriate response.Feel free to clarify any answers you have provided in the 'additional comments' box.

Q26.Does your country have a Competency Framework for pharmacists?

- Yes
- No, but we are developing one
- No

Q27.If you responded either YES or NO, but we are developing one to the previous question, please tell us how the Competency Framework was developed (choose 1 option) and please describe in the space below

- We developed the Framework ourselves
- We adopted an existing Framework from another source
- We revised an existing Framework from another source

Q28.Does your country have a Competency Framework for pharmacy technicians?

- Yes
- No, but we are developing one
- No

Q29.If you responded either YES or NO, but we are developing one to the previous question, please tell us how the Competency Framework was developed (choose 1 option) and please describe in the space below.

- We developed the Framework ourselves
- We adopted an existing Framework from another source
- We revised an existing Framework from another source

Q30.Does your country have recognised performance indicators for practice standards, intended for pharmacists?

- Yes
- No

Q31.Does your country have recognised performance indicators for practice standards, intended for pharmacy technicians?

- Yes
- No

Q32.Additional comments

SECTION 5:COUNTRY CONTACTS

This section gathers national contacts for pharmacy workforce, education, regulation and competency frameworks. Contacts should be knowledgeable on and/or responsible for policy development or implementation these areas in your country.

Q33.Contact for human resources in pharmacy

Title

First name

Surname

Job title

Organisation/Agency

Email

Website

Phone

Fax

Address

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Q34.Contact for pharmacy education

Title

First name

Surname

Job title

Organisation/Agency

Email

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Website

Phone

Fax

Address

Q35.Contact for pharmacy workforce regulation

Title

First name

Surname

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Job title

Organisation/Agency

Email

Website

Phone

Fax

Address

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Q36.Contact for a follow up questionnaire on the development of a global pharmacy workforce competency framework

Title

First name

Surname

Job title

Organisation/Agency

Email

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Website

Phone

Fax

Address

Q37.Contact for a follow up questionnaire on the quality assurance of pharmacy education

Title

First name

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Surname

Job title

Organisation/Agency

Email

Website

Phone

Fax

Please contact Sarah Whitmarsh if you have any questions regarding this survey.

Address

1. FIP Global Pharmacy Workforce Survey 2008-2009 EN