

Global indicator framework for the FIP Development Goals

FIP Development Goals	Indicators	Categories
 Academic capacity	1.1 Number of pharmacists working in academic settings	Capacity
	1.2 Number of pharmacy graduates nationally (national graduate supply)	Capacity
	1.3 Number of schools /faculties of pharmacy nationally	Capacity
	1.4 Number of pharmacy technicians nationally	Capacity
	1.5 Number of lecturers (teachers, practitioners, researchers) employed by institutions/universities to train pharmacy students	Capacity
	1.6 Inclusion of experiential learning into pharmacy curricula	Policies and regulatory systems
	1.7 Inclusion of interprofessional and interdisciplinary education in the pharmacy curricula	Policies and regulatory systems
	1.8 Median salaries among faculty members in private and government sectors	Policies and regulatory systems
	1.9 Existence of minimum period of practice training/clinical internship pre-licensing (pre-registration) programmes	Policies and regulatory systems, and Training and Professional development
	1.10 Existence of a policy regulating a minimum internship period for pharmaceutical scientists as part of their education and training	Policies and regulatory systems, and Training & Professional development
	1.11 Existence of career development programmes for academic pharmacists and pharmaceutical scientists at the national or institutional level	Training & professional development
 Equity & equality	10.1 Number of actively practising pharmacists (segmented number by sectors of practice, e.g., community, hospital pharmacists, academia, pharmaceutical science, and other sectors)	Capacity
	10.2 Existence of national legislations that promote equity and equality in opportunities in the workplace	Policies and regulatory systems
	10.3 Existence of national regulations that promote equity and equality in access to pharmacy education and training across all stages.	Policies and regulatory systems
 Antimicrobial stewardship	17.1 Existence of national policy and guidance that regulate the prescription of Antibiotics in community/hospital pharmacies and the use of antibiotics in livestock production and agriculture	Policies and regulatory systems
	17.2 Existence of a national strategic plan and training to support developing the pharmaceutical workforce with competencies needed for antimicrobial stewardship services delivery	Training and professional development
 Access to medicines, devices & services	18.1 Number of community and hospital pharmacies (per capita)	Capacity
	18.2 Number of community and hospital pharmacies in RURAL and URBAN geographic areas (per capita)	Capacity
	18.3 Availability of national guidelines or policies concerning access to medicines,	Policies and

Access to medicines, devices & services	pharmaceutical services & medical devices, including speciality medicines (HIV, cancer, hepatitis C, etc) and contingency plans for shortages of medicines and medical devices	regulatory systems
	18.4 Existence of regulations/laws for prescription or non-prescription medicines that can ONLY be supplied in community/hospital pharmacies	Policies and regulatory systems
	18.5 Existence of regulations/laws for non-prescription medicines, e.g., OTC, that can be supplied in non-community pharmacy outlets, or dispensaries	Policies and regulatory systems
	18.6 Existence of regulations/laws on categories of medicines available online from local or foreign providers.	Policies and regulatory systems
 Patient safety	19.1 Existence of national strategies that utilise patient safety as an indicator for evaluating health system performance and quality of care	Impact
	19.2 Inclusion of "patient safety" as part of the initial education and training curriculum (in universities).	Policies and regulatory systems, and Training and professional development
	19.3 Availability of training programmes that ensure the pharmaceutical workforce receives training in patient safety and medication-related harm reduction across all pharmacy settings and stages	Training and professional development
	19.4 Availability of training programmes to educate the public about the safe use of medicines provided by pharmacists	Training and professional development
	19.5 Existence of competency frameworks supporting and guiding national strategy for professional development and training in patient safety	Training and professional development
 Digital health	20.1 Existence of an accessible digital infrastructure to enable healthcare delivery of, for example, telemedicine, online health consultations, e-prescriptions, e-patient records, etc.	Pharmaceutical services & facilities
	20.2 Use of digital technology in health education and training delivery for the pharmaceutical workforce (for example, online university courses, online delivery of CPD, etc.)	Training and professional development

Indicators Category	Description
Capacity	Data expressed as numbers, e.g. number of pharmacists/pharmacies, pharmaceutical facilities available (universities, services)
Impact	Provision of Pharmaceutical services that support better health care and outcomes
Policies & regulatory systems	Regulations and strategies as drivers to shape the structure of the system and benefit populations
Training & Professional development	Focus on developing competencies and skills across all sectors and career stages.
Pharmaceutical services & facilities	Focus on the availability of pharmaceutical services, facilities & infrastructures needed.