Healthcare Information Management Association of the Philippines
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HIMAP

**Healthcare Information Management
Association of the Philippines**

Vision: Affordable & Quality Healthcare

Aging Population

Efficiency

Proactive Care

Cost

Personalized Care

Telehealth 8 key stakeholders

Consumers/Patients	Physicians	Hospitals/Health Systems & Centers
Avoid "unhealthy" setting of physician offices/ ERs/Retail Clinics	Triage patients more efficiently - less wait times	Reduce avoidable readmissions
Enhance ability to self-manage, track & store health content	Manage/track chronic cases more effectively	Keep patients within the health system network
Receive relevant, timely and unobstrusive reminders and alerts to prompt behavior changes	Provide physicians with a more complete view of patient health status	Manage/track chronic patients better
Strengthen communications with family and care givers	Address growing digital demand	Improve care transition handoffs
	Improve productivity of nurses & mid-levels	Differentiate brands in a competitive marketplace
	Align quickly rapidly evolving shared risk models	Triage ER demand more efficiently

Employers/Brokers	Telehealth Goals	Senior Living/Post-Acute/Hospice
Improve wellness - drive specific programs & rewards i.e. smoking cessation, weigh mgt, etc.	**Drive Consumer Engagement**	Utilize scarce clinical resources more efficiently
Enhance productivity by reducing travel & time	**Improve Clinical Efficiency**	Enhance carefiver/family member communication
Encourage adoption of impactful chronic care mgt and behavioral change solutions with creative benefits designs	**Lower Costs**	Increased medical and therapy adherence and compliance
Improve employee satisfaction and reduce absenteeism	**Improve Outcomes**	See early warning signs of health issues - engage in proactive vs. reactive care
	Enhance Care Coordination	Safety monitoring devices to increase patient safety and family member/caregiver comfort
		Slower transition to more acute settings

Pharmacy/Health Retailers	Payors	Pharmaceutical Providers/CROs
Support adherence and compliance	Provide appropriate care at cost effective setting	Drive medical adherence
Position as retail destination of shoice for Tele health wireless peripheral boom	Modify patient behavior - promote healthier living, reduce hospital admissions	Promote formulary compliance
Pharmacists viewed as trsutered advocated for Telehealth apps	Share risk with employees - increasing alternate designs of benefit plans	Broaden clinical trial catchment areas to improve access and compliance
Utilize retail pharmacy websites as trusted channels for driving Telehealth solutions	Reduce unnecessary ER visits	Identify & intervene in case of adverse events with more precision and consistency
	Drive better compliance for annual screenings	Shorten time-to-market for new drugs
	Reduce health care cost with more timely, consistent care delivery	Lower trial duration and cost

Source: Deconsructing the Telehealth Industry - 2016 Industry White paper (Ziegler)

Global Digital Healthcare

		Tele Medicine	Patient Monitoring Devices	Healthcare Assistive Robots
	Market Size	USD 45.5 BN (2019)	USD 19.5 Bn (2018)	USD 259.1 MM (2017)
	CAGR	19.3% (2020-2026)	5.1% (2019-2025)	19.3% (2018-2024)
	Projected Value	USD 175.5 Bn (2026)	USD 27 Bn (2025)	USD 1.2 Bn (2024)
	Drivers	Rising Covid 19 Cases Prevalence of Chronic diseases Tech advancements in connectivity Need for Cost Savings Long waiting time for treatment	Tech advancements in patient monitoring in developed countries Improving regulatory scenarios in Asia- Pacific countries Increasing global hospital admissions Preference for Telehealth services	Rapidly growing aging/geriatric population Growing incidence of stroke worldwide Increased funding for research on robotics technology
	Challenges	Security & Privacy Concerns Lack of knowledge & trust in national governments	High cost of advanced patient monitors	Functional limitations and high cost of assistive robots Dearth of skilled healthcare professionals in developing economies Social Stigma

Not Exhaustive

Global Digital Healthcare

Remote Patient Monitoring

Wearable Wireless Sensors

Mobile Clinical Communications

Clinical Solutions	Caring at Home Solutions Post Acute	Chronic Care Management	Mobile Clinical Communications
Triage (Primary & Specialty)	In-Home Monitoring	Disease Focused - Cardiac, Diabetes, Respiratory, etc	Clinical Comms (in and out of Hospital)
Hospital based Solutions	Fall/Wander Detection	Vital Signs Monitoring	Telepresence/Robotics/Avatar
Clinical Trial Solutions	Adherence & Compliance Tools	Consumer Wellness & Fitness	Telemedicine Platforms
	Post-Acute Settings	Data Integration	

Not Exhaustive

Global Healthcare – Integration of Systems

**Consumer Wellness &
Self – Care**

Smart Watches

Wellness Apps

AI - Enhanced Healthcare

Drug Discovery

Hospital Optimization

Preventive Care, Popu Health Mgt

Diagnostics & Treatment

Connectivity

**Remote Care Delivery
& Monitoring**

Chronic Illness tracking

Outpatient Mgmt.

Preventive Care

Virtual Consultations

Insurance & Administration Reform
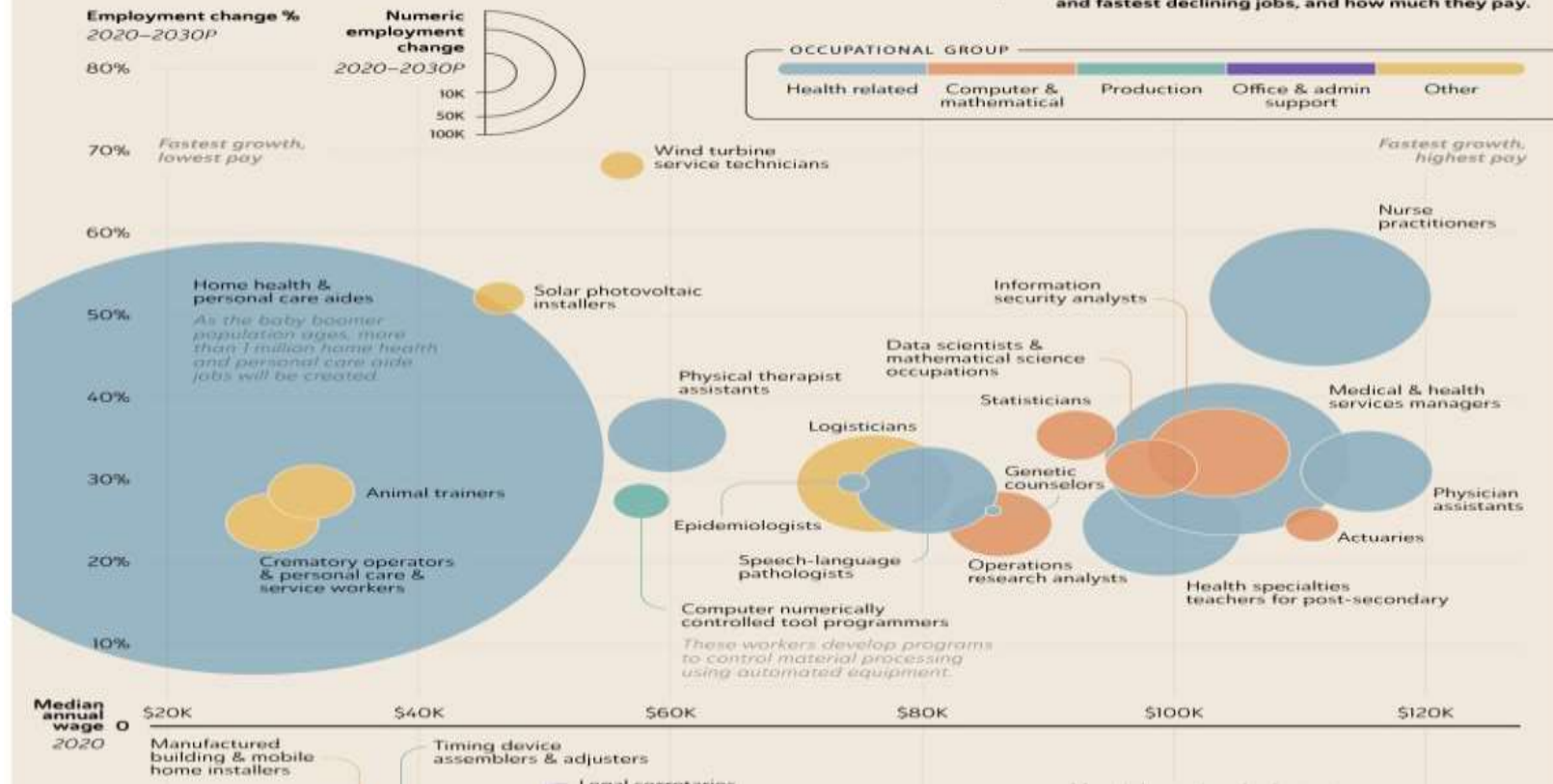
Hospitals

GPs

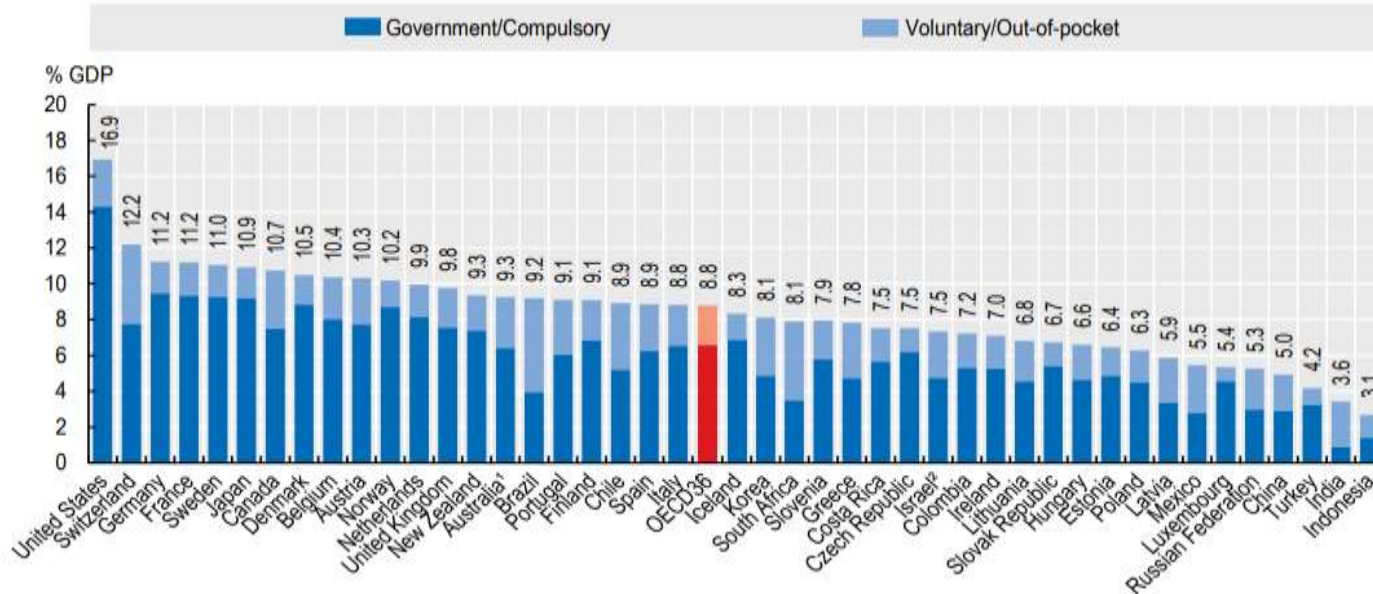Care Providers

Pharmacies

Insurance

The 20 Fastest Growing + Declining Jobs

OVER THE NEXT DECADE

The U.S. Bureau of Labor Statistics predicts that 11.9 million new jobs will be created from 2020 to 2030— a growth rate of 7.7%. **Below, we show the fastest growing and fastest declining jobs, and how much they pay.**

Employment change %
2020–2030P

Numeric employment change
2020–2030P

10K
50K
100K

OCCUPATIONAL GROUP

| Health related | Computer & mathematical | Production | Office & admin support | Other |

80%

70% — *Fastest growth, lowest pay*

Fastest growth, highest pay

60%

50%

40%

30%

20%

10%

Median annual wage 0
2020

$20K $40K $60K $80K $100K $120K

Wind turbine service technicians

Nurse practitioners

Home health & personal care aides
As the baby boomer population ages, more than 1 million home health and personal care aide jobs will be created

Solar photovoltaic installers

Information security analysts

Data scientists & mathematical science occupations

Medical & health services managers

Physical therapist assistants

Statisticians

Logisticians

Genetic counselors

Physician assistants

Animal trainers

Epidemiologists

Actuaries

Crematory operators & personal care & service workers

Speech-language pathologists

Operations research analysts

Health specialties teachers for post-secondary

Computer numerically controlled tool programmers
These workers develop programs to control material processing using automated equipment.

Manufactured building & mobile home installers

Timing device assemblers & adjusters

Legal secretaries

Healthcare as a percent of GDP

Note: Expenditure excludes investments, unless otherwise stated.
1. Australia expenditure estimates exclude all expenditure for residential aged care facilities in welfare (social) services. 2. Includes investments.
Source: OECD Health Statistics 2019, WHO Global Health Expenditure Database.

StatLink 🔗 https://doi.org/10.1787/888934016816

Philippines Healthcare as a pct of GDP

Thank You!