



衛生福利部
MINISTRY OF HEALTH AND WELFARE

Investment in Nursing

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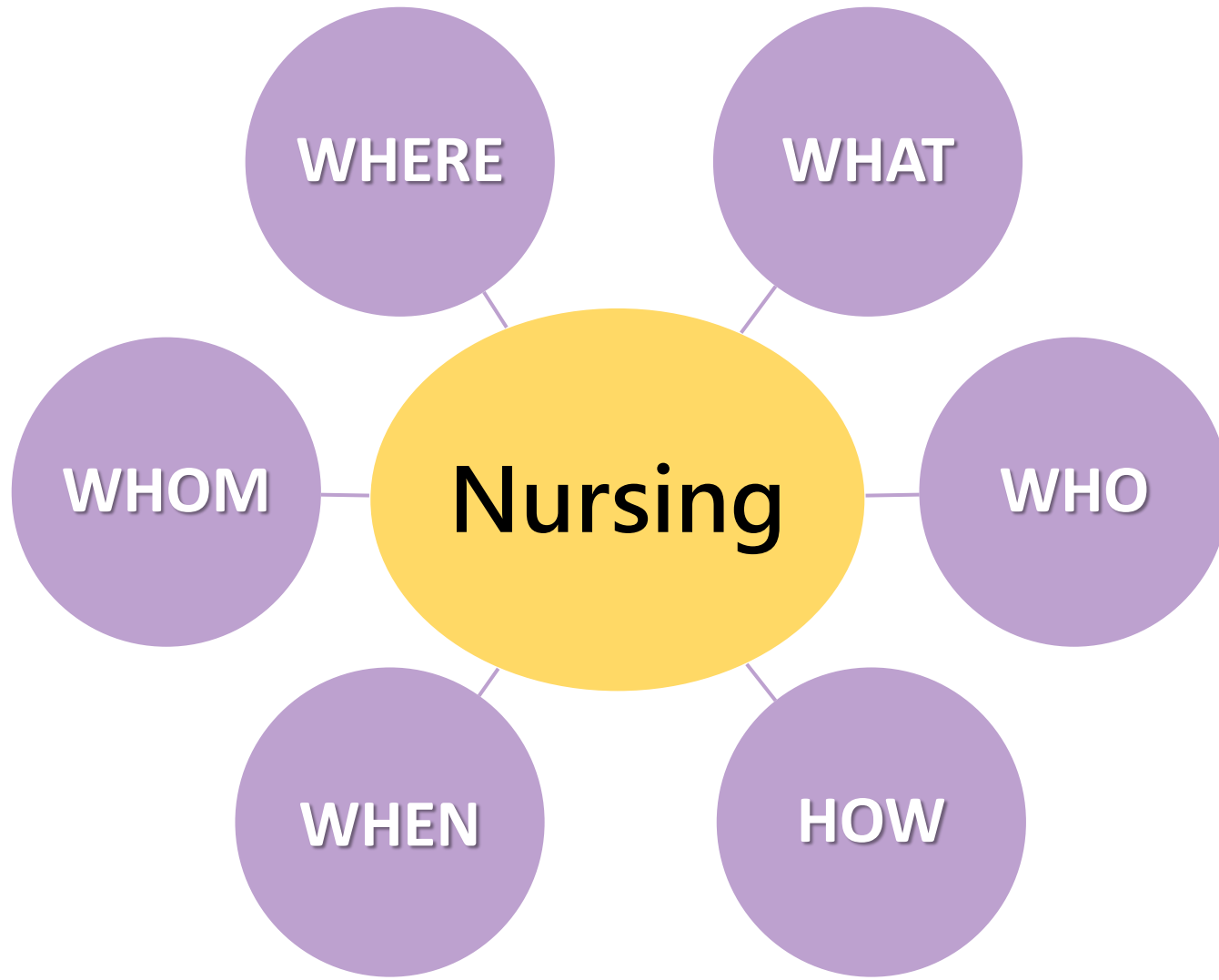
Director-General of Nursing and Health Care,
Ministry of Health and Welfare, Taiwan

2020.09.11



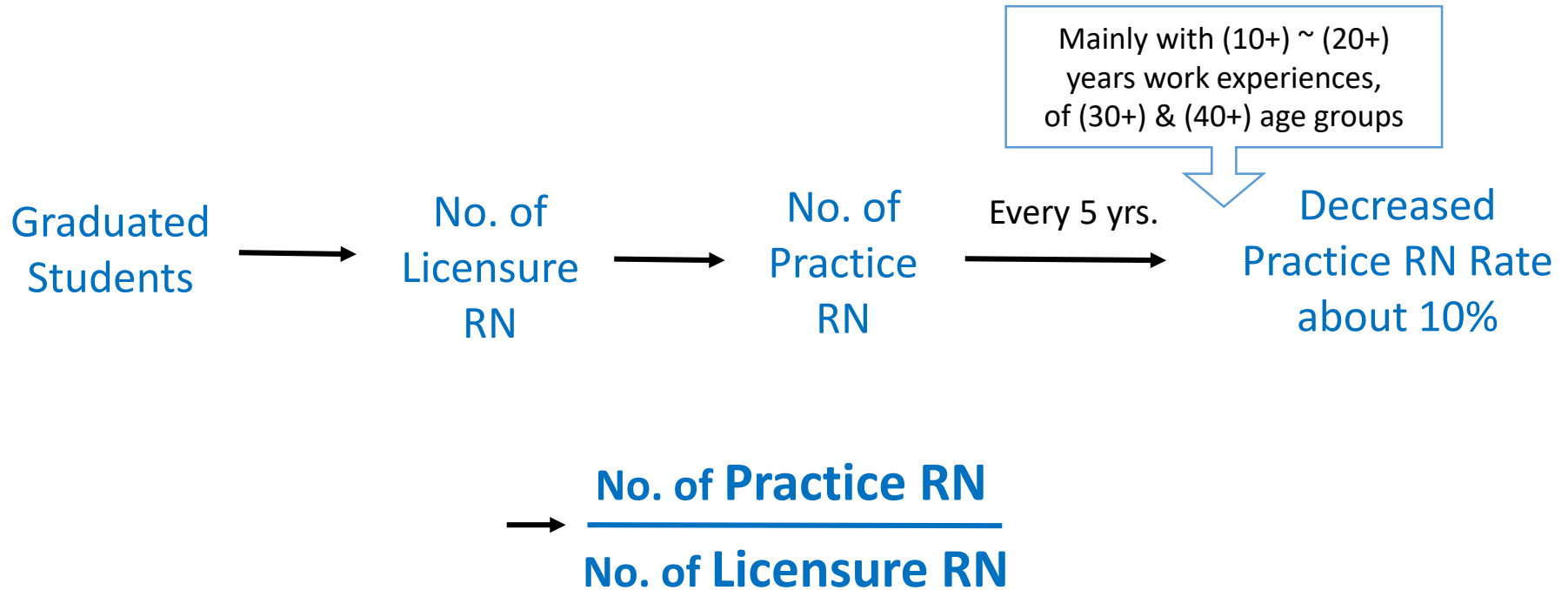
衛生福利部
護理及健康照護司

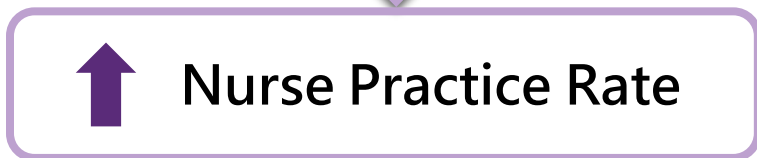
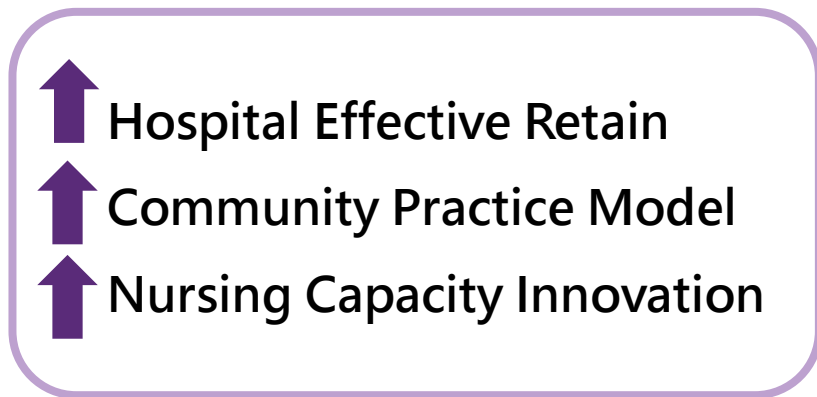
Department of Nursing and Health Care
— Ministry of Health and Welfare —





Hospital Nursing Workforce Flowchart







Outlines

- Nursing in Taiwan
- Home Care Nursing
- An Example:
Taiwan's social innovation
in Home Hospice Care
- Conclusion



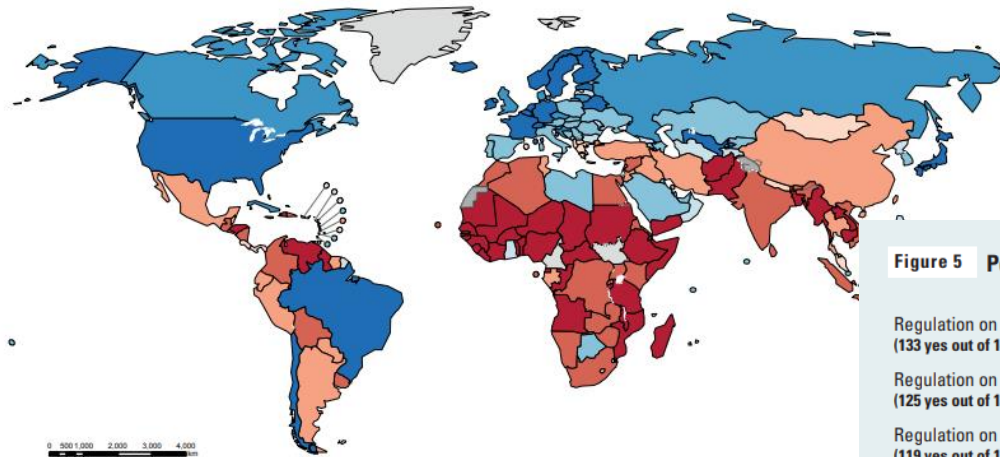
Nursing in Taiwan

International Nursing Report

STATE OF THE WORLD'S NURSING 2020

Figure 1 Density of nursing personnel per 10 000 population in 2018

■ < 10
 ■ 10 to 19
 ■ 20 to 29
 ■ 30 to 39
 ■ 40 to 49
 ■ 50 to 74
 ■ 75 to 99
 ■ 100 +
■ not applicable
■ not reported

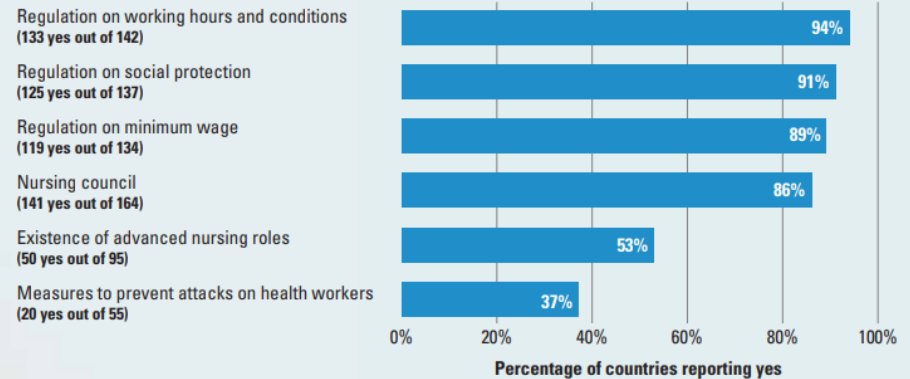


0 500 1,000 2,000 3,000 4,000
kilometers

*Includes nursing professionals and associates.

Source: National Health Workforce Accounts, World Health Organization 2019. Latest available data over the period 2013–2018.

Figure 5 Percentage of countries with regulatory provisions on working conditions



Source: National Health Workforce Accounts, World Health Organization 2019.



Taiwan

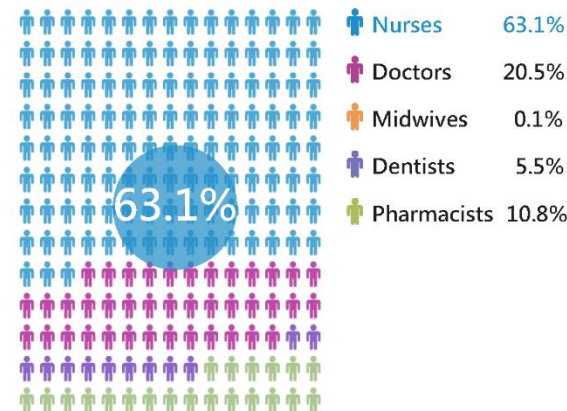
| | COUNTRY |
|---|-----------|
| Total population (UN population prospects, 2019) | 23603121 |
| UHC Service Coverage Index (0-100 points, 2017) | 87.0 |
| Life expectancy at birth m/f (years, 2018) | 77.5/84.0 |
| Probability of dying under five (per 1 000 live births, 2018) | 2.23 |
| Gross domestic product (GDP) (per capita US\$, 2019) | 25909 |
| Current health expenditure as a per cent of GDP (2018) | 6.1 |
| Current health expenditure per capita (US\$, 2018) | 1574 |

Nursing personnel (latest year) **174468**

| | | |
|-----------------------|--------------------|----------------------------|
| Nursing professionals | Nursing associates | Nurses not further defined |
| 155986 | 18482 | NR |

| | | | |
|------------------------------|----------------------------|--------------------|------------------------------|
| Share of professional nurses | Density | Graduates per year | Minimum duration of training |
| 89% | 73.9 per 10 000 population | 12799 | 4 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*

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

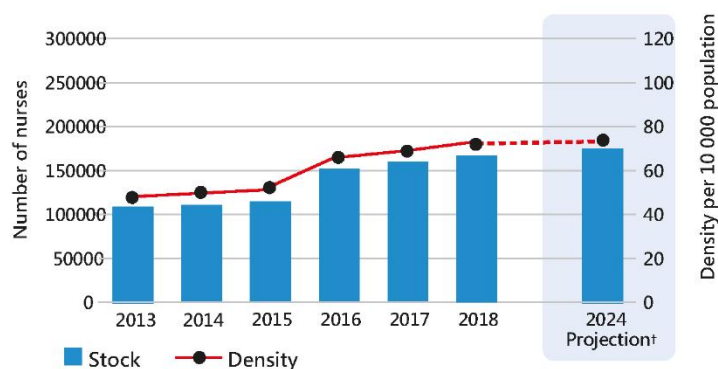
- Regulation on working hours and conditions ✓
- Regulation on minimum wage ✓
- Regulation on social protection ✓
- Measures to prevent attacks on HWs ✓

GOVERNANCE AND LEADERSHIP

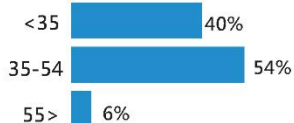
- Chief Nursing Officer position ✓
- Nursing leadership development program ✓
- National association for pre-licensure students ✓

Source: Executive Yuan, MOI, MOHW of Taiwan

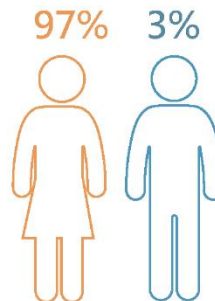
Nursing stock and density 2013-2018



Age distribution



Sex distribution

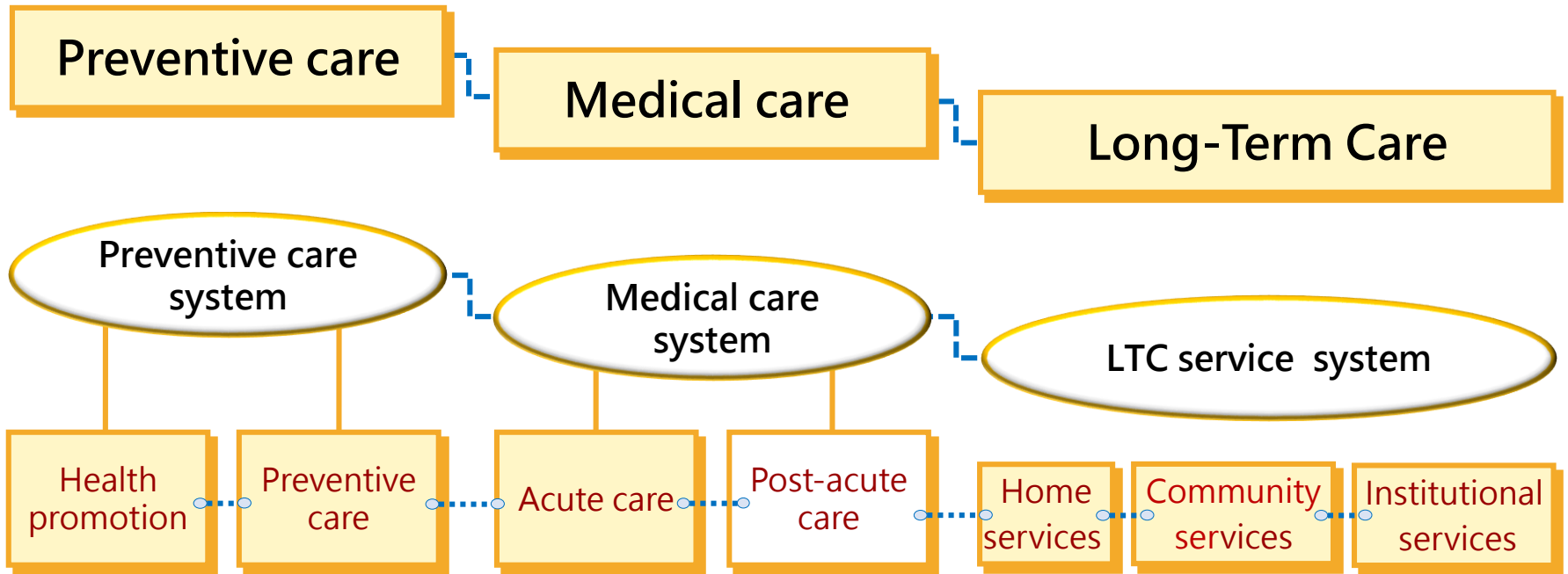


Nurse mobility

Foreign trained **NR**
Foreign born **0.07%**

Source: Ministry of Health and Welfare (MOHW), 2020 except †. Latest available data are displayed. Includes multiple data sources. Stock and density projection by 2024 based on the research 104年度「未來十年護理人力供需評估研究計畫」。See full report for further details. NR=Not reported. Data as of 21 Apr. 2020.

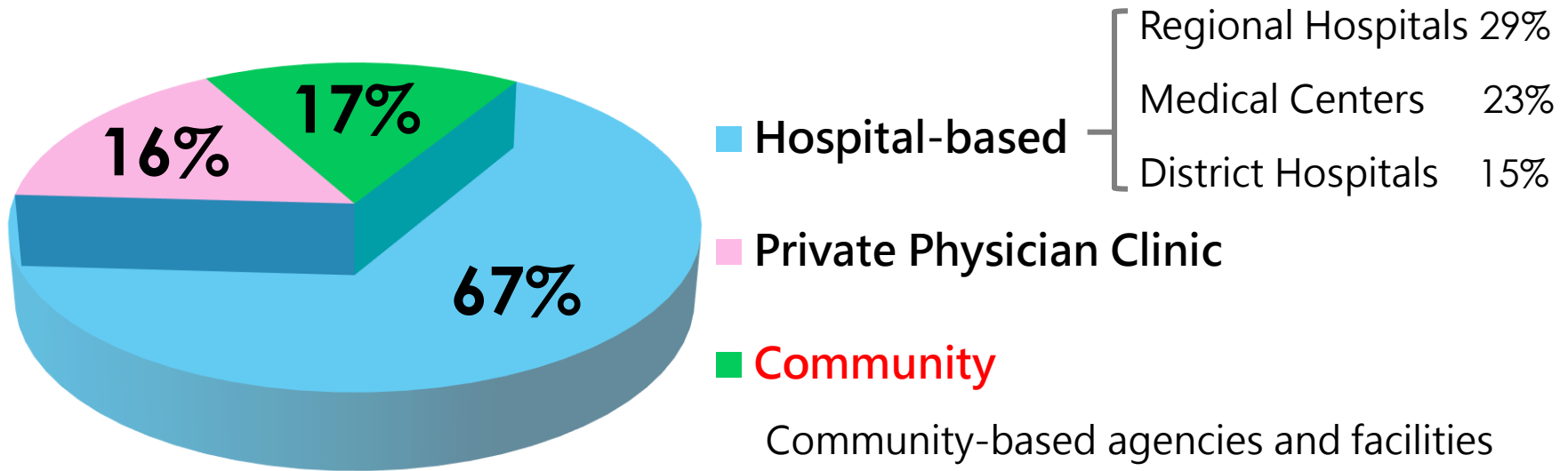




Develop a human-oriented, family-unit, community-based continuous health care system, which fits culture sensitive and the life course of caregivers and recipients.

Nursing Workforce Distribution in Taiwan

Number of Nurses: 172,700 (2019)





Summary of Taiwan Nursing Workforce

- Every 5 years, we lose 10% nursing workforce who have 10+ to 20+ years working experience and are in their prime
- Only 17% of nurses work for preventive care & post acute care including Long Term Care

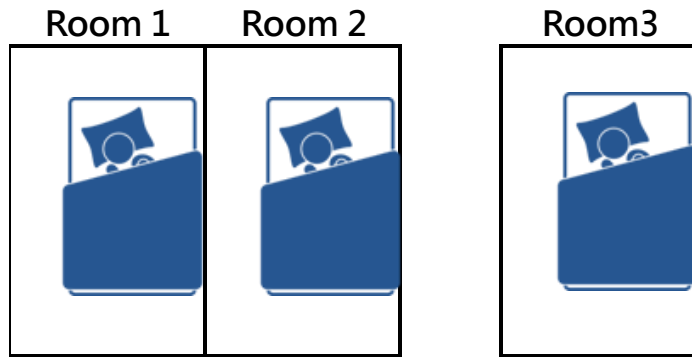


Home Care Nursing

Why Home Care Nursing?

Imagine: Change the care unit from Hospital Ward into Community Residence.

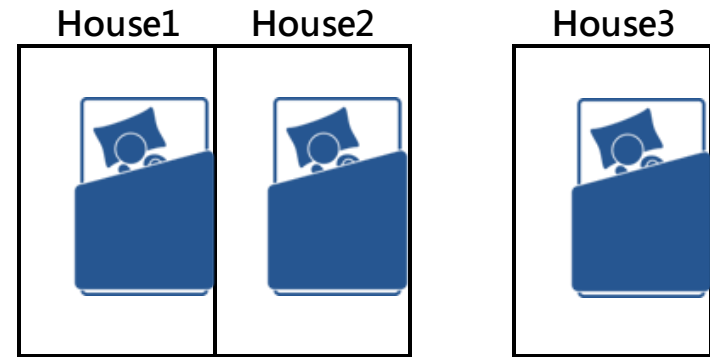
Centralized Hospital Nursing Care



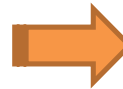
Hospital Hallway



Community Nursing Care



Community Path





Nursing Investments by MOHW

1

Investment in community-based home care nursing

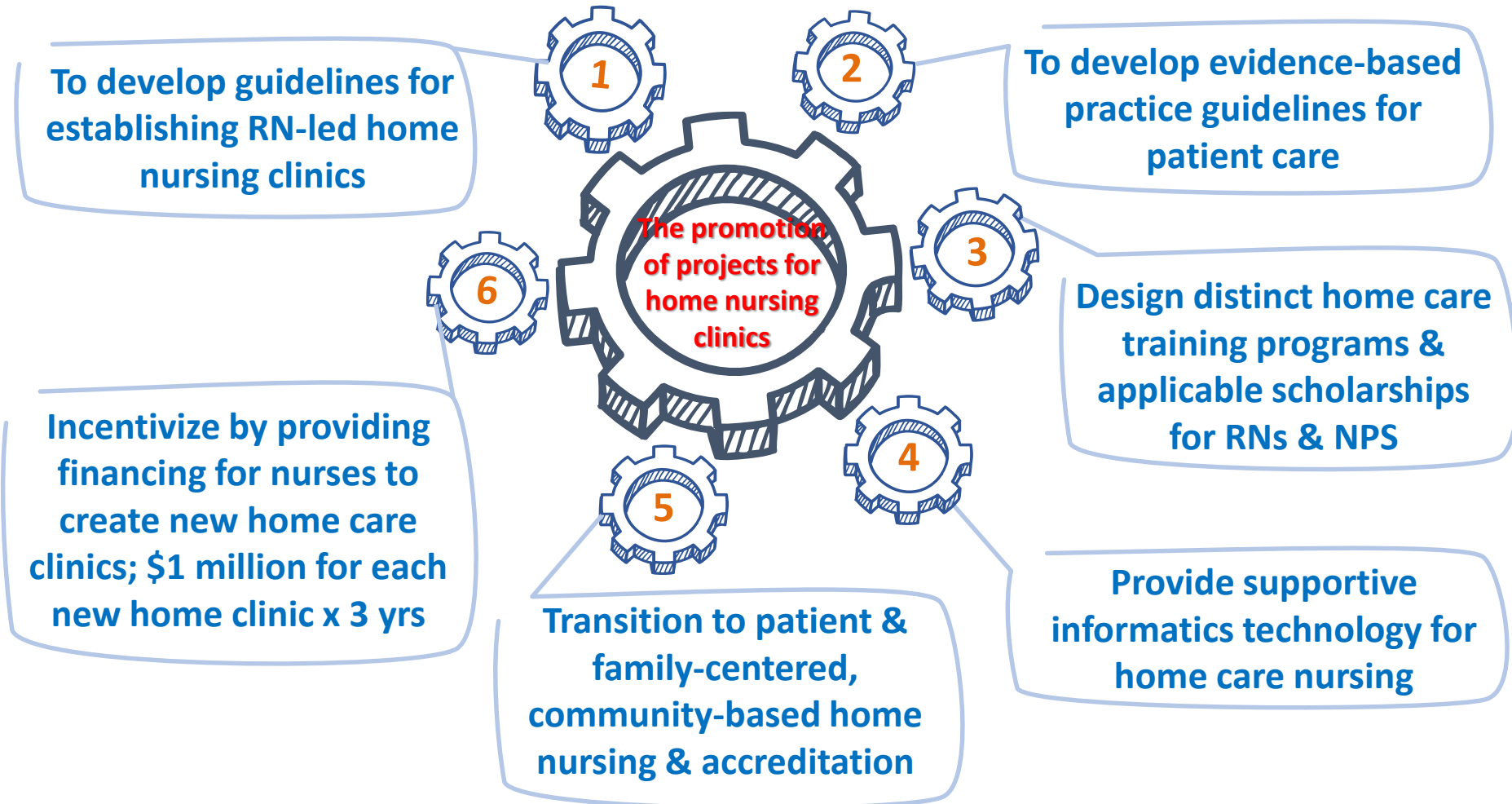
2

Investment in evidence-based nursing

3

Investment in smart nursing

Action Plans for Implementing Home Care Nursing





Impact of Home Care Nursing

Safety & Quality

Improve safety & quality of home care

- ✓ Improving safety & quality of life for the caregivers and cared-for persons

Increase patient access to health care

Increase patient access to health care through nursing entrepreneurship

- ✓ Innovative nursing entrepreneurship
- ✓ Improving accessibility to preventive care
- ✓ Increase patient access to health care in their own communities or homes.

Increase nursing manpower

Nurses return to communities

- ✓ A family nurse practitioner near you at 24/7
- ✓ A new career path for 3,000 nurses who leave hospitals each year
- ✓ A new, independent, and flexible practice model for the 40% licensed nurses who did not practice



An Example:

The Excellent Award of the Presidential Hackathon

Taiwan's Social Innovation in Home Hospice Care



Die well at home: An Option for Everyone; Accessible to Every Family

80% of cancer patients die in the hospital, but 80% wish to die at home

- Family is a key to achieve a dignified death at home
- The rationales are:

Point 1 Unknown

- What will happen?
- Are we prepared to give care at home?

Point 2 Uncertain

- How to give care at home?
- Are community resources sufficient?

Point 3 Unpredictable

- Patient condition changes
- How to respond to urgent situations?



Taiwan's Professional Hospice Care 6th best in the world (No. 1 in Asia)



Individual and family



Nurse-led care interdisciplinary team

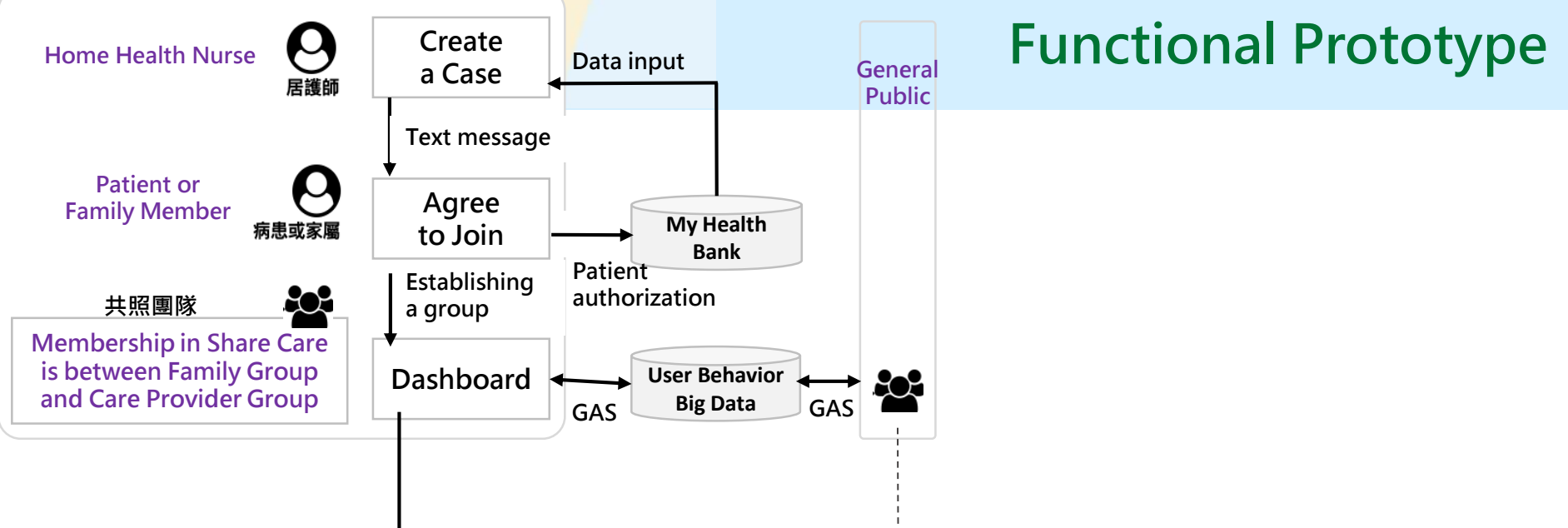


Real-time
Best-practice
Recommendations

Assessment
Knowledge
Care Skills Support

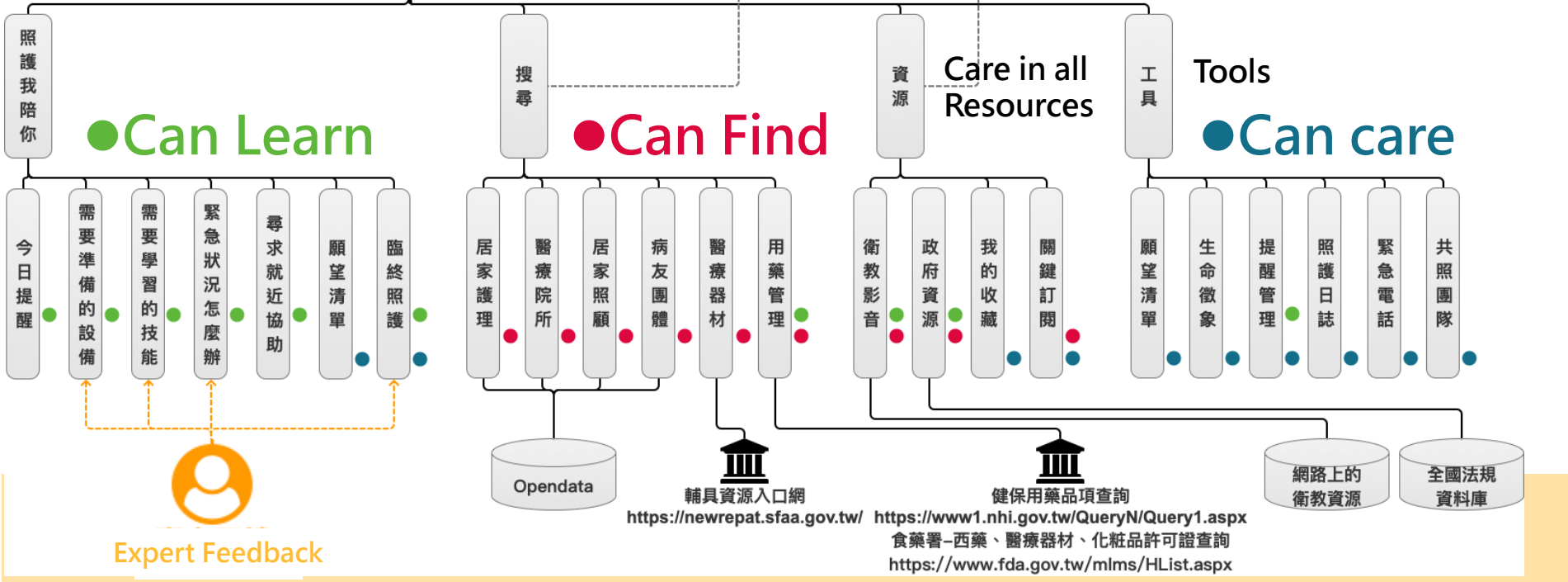
【Smart Home Care AI Engine】

Functional Prototype



Care Follow Me

Online Searching





Conclusion-1

- **The return on investment in nursing is your health.**
- **What we get out of supporting nursing practice is dignity and respect.**



Conclusion-2

The Series of Activities of the Year of the Nurse and the Midwife 2020



Year of the Nurse and the Midwife 2020

Date: April 7-May 17, 2020

Platform:

FB/Line/Twitter of MOHW

Activities:

- Voice Support
- Nursing Photo Collection
- A Letter to Nurses and Midwives
- Taipei 101 Lighting

Health for all

護助
Taiwan Can Help
世界

2020 世界日 • 護助年

Sample:

A thank you letter from my baby and me

Thank you to all those who took care of me when my first child was born. Therefore, I could rest assured even though it was my first time.

Actually I was very anxious and couldn't sleep well because of the upcoming baby. However, I truly appreciate your professionalism, it made me feel safe and relieved.

Successfully, I delivered the baby, and I cried when she came out. Thank you again for everything you've done. (Recently my second child is about to be born, but I will take it easy this time!)

2020.08.20 from baby and me in Taipei City

A Letter to Nurses

Did the nurse play any role in your life?
What are the experiences you had with them?

No matter which corner of the world you are in right now, write a few words to tell them how grateful you are for their help, support, or even just for being in your life.

Write a letter See more letters

Support the Nursing Taiwan Team

Voice Support from
the President, Minister and CNO.



Support from All
Departments of the MOHW

Support from National
Nursing Representatives



Immediate report platform for epidemic prevention dispute



- "Nursing dispute report platform "
Nursing staff can report their opinions immediately
- Nearly 70% of the reported cases are related to epidemic prevention in this year

Establish an epidemic prevention information platform



- Establish a "COVID-19 nursing platform" for nursing staff
- Collect and organize important information for nursing staff (incl. latest news, nursing guidelines, practicing rights, epidemic prevention preparation, related Q&As, and nursing volunteers)

Help on epidemic prevention material and subsidy



- Help on gathering and dispatching supplies (N95 and isolation gowns)
- Compensation for cancel travel abroad due to nursing work
- Subsidy for frontline nursing staff (10,000/Shift)



Year of the Nurse and the Midwife 2020

Support from
the Nurses and citizens

Invite people to submit
and select the photo of
"the best nursing scenery
in your eyes"

220 photos

200,000 comments





Year of the Nurse and the Midwife 2020

A Letter to Nurses

50 countries · 17,000 thank you letters
(more than 200 letters from overseas)



To the nurses and midwives in Taiwan

愛爾蘭
Ireland

You are all doing the great job. Hope you could take good care and stay safe. Thank you for being Taiwanese guardian angels.

— 2020.04.18 from Shouki in Ireland

To the nurses and midwives in Taiwan

斐濟
Fiji

Big thanks to nurses from Cathay General Hospital in Taiwan for professional and expert medical care carried out in Fiji's rural communities since 2014. People living in these remote rural areas received high-quality care from the nurses in the way they greet and talk to patients despite the language barriers. It was a great experience working with them and learning the new skills and knowledge they imparted to local health staff in Fiji.

— 2020.04.20 from Jo in Fiji

To the nurses and midwives in Taiwan

南非
South Africa

ER in Cape Town Mediclinic Garden Sisters, I thank you them sincerely, I have taken the kids in various hours, for complex situation, the sisters are gentle and kind. Specially with kids, knowing how to make most fun in the serious situation to comfort the kid. Thank you for the opportunity that I may express my gratitude. God Bless you all.

— 2020.04.19 from Grace Lin/Chan in South Africa

To the nurses and midwives in Taiwan

加拿大
Canada

I am grateful to nurses every day. They work with difficult people - with grateful people - and everyone in between. Nurses treat them all equally - with care and compassion, as they would their own loved ones. Their job is hard. When they work with people who have mental health disorders or dementia or impulse control disabilities - or stay by the side of someone who is ready to depart this world - I am grateful. I send a deep and sincere thank you to the brave and exhausted nurses who are now putting their own health - and lives - at risk. Thank you.

— 2020.04.16 from Gail in Canada

Taipei 101 Lighting

Taipei 101 lights up in honor of the nurses on 5/12 Nurses Day

Nursing Taiwan Team
Thank ♥ you
Protect Taiwan and help the world
Please take care of yourself too
Happy Nurse's Day

Epidemic prevention ♥ with you
Warm ♥ heart
Fearless
Angels in white
Protect Taiwan
Anti-epidemic hero

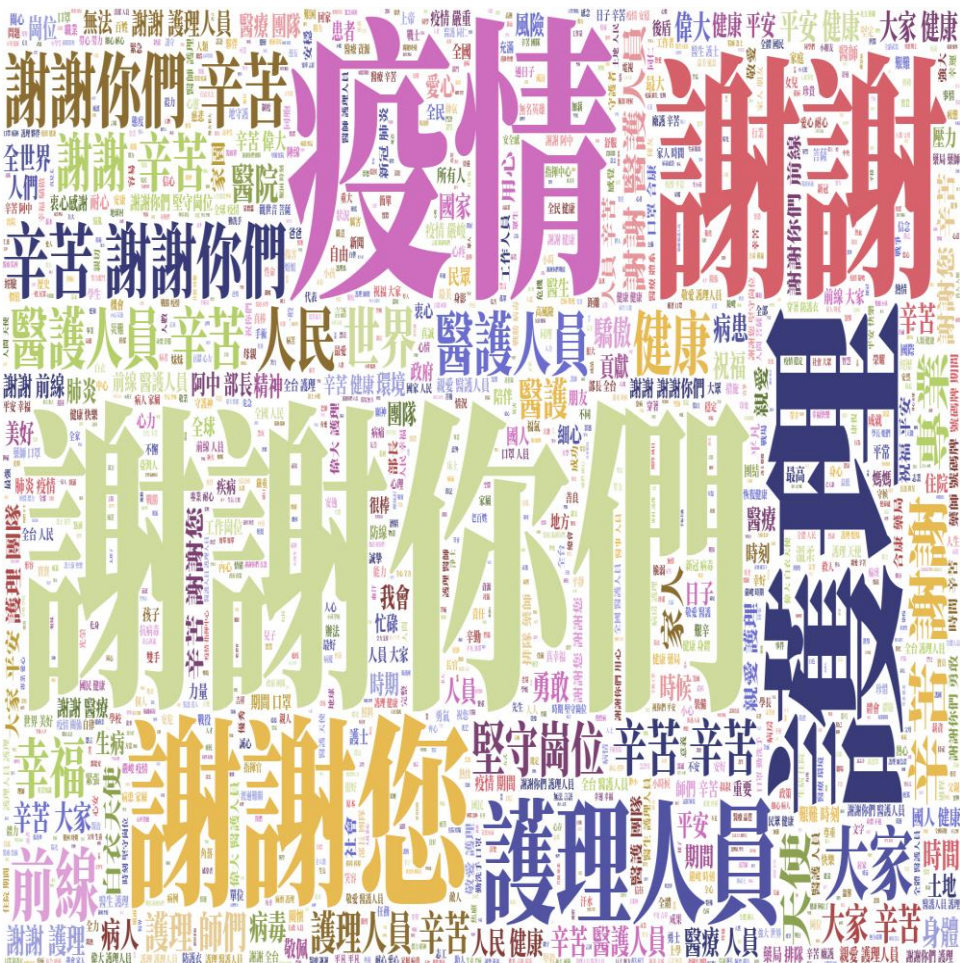
Care for ♥ each other
Warm and firm
Frontline
Save ♥ life
Medical care together
Taiwan OK!



Source: picture from EBC



The series of activities has **17,000** shares, **340,000** likes, and **9,000** comments.
1.37 million people watched the videos and **12.66 million** people reached.



2020世衛日•護助年

Taiwan
Can Help





a Message in the Year 2020
to Nurse Taiwan Team



Year of the Nurse and the Midwife 2020

**Nursing with love
is the most
beautiful scenery
in Taiwan.**

