Demand for health and aged care services in China is expected to grow significantly, driven by a rapidly growing population, an ageing demographic, new health challenges and government policy reforms.

In 2020, there will be 248 million Chinese people aged 60 years and above. These elderly citizens will require accommodation in facilities that support their medical needs and lifestyle, and a well-qualified workforce to care for them – both of which are in short supply.

With the majority of the current aged care workforce lacking formal qualifications, Australian organisations are well positioned to help China address its urgent need for education, training and skills development.

Austrade’s China Aged Care Training map highlights the unique needs and gaps across several provinces, and the opportunities for Australian organisations.

Click on a province for more information.
Aged care workers

8,000 in service
10,000 shortage

Training opportunities

- train-the-trainer
- facility operation management
- aged care specialist/professional training programs

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BEIJING

Aged care workers

7,000 in service
23,000 shortage

Training opportunities
- management and operations
- care workers
- service standards and rating systems
- dementia
- senior education curricula

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SHANDONG
Aged care workers
Shandong
30,000 in service
470,000 shortage
Training opportunities
- train-the-trainer
- facility operation management
- aged care specialist/professional training programs
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JIANGSU

Aged care workers

27,000 in service  60,000 shortage

Training opportunities

- rehabilitation
- program design and consultancy
- facility operation management
- Medical and aged care services integration

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SHANGHAI

Aged care workers

83,000 in service

45,000 shortage

Training opportunities

- managers and care workers
- service standards and rating systems
- nutrition management
- dementia
- elderly home re-design

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HUBEI

Aged care workers

10,000 in service
230,000 shortage

Training opportunities

- aged care nurses
- train-the-trainer
- managers' training
- rehabilitation
- facility operation management

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SICHUAN

Aged care workers

<table>
<thead>
<tr>
<th>In service</th>
<th>Shortage</th>
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<td>200,000</td>
<td>800,000</td>
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Training opportunities
- facility operation management
- train-the-trainer
- rehabilitation
- dementia

FIND OUT MORE
GUANGDONG

Aged care workers

40,000 in service
650,000 shortage

Training opportunities
- train-the-trainer
- dementia
- medication management
- accredited training program
- managers' training
- aged care specialist training

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LIAONING

GDP
In 2017, Liaoning achieved a GDP of RMB2.39 trillion, a growth rate of 4.2%.

Population
44m; 6.27m elderly people ≥ 65 years old, an ageing ratio of 14.3%. The government forecasts the ageing population will reach 10m by 2020.

Characteristics and trends
› In 2015, Liaoning had 3.76m elderly people living alone at home.
› Private aged care institutions play key roles in the province.

Aged care institutions
There are 1,797 aged care institutions operating 263,900 beds.

Shortage of care workers
There were about 8,000 care workers and an estimated shortage of 10,000 workers (in 2015).

Key opportunities for aged care training
Train the trainer programs; facility operation and management training; joint training programs for care workers with local training institutions.

Source: Liaoning Statistics Bureau, Liaoning Civil Affairs, Liaoning Committee on Ageing Care Workers
BEIJING

**GDP**
In 2017, Beijing achieved a GDP of RMB2.8 trillion, a growth of 6.7%.

**Population**
22m; 2.38m people aged ≥ 65 years, an ageing ratio of 11%.

**Characteristics and trends**
› The ageing population is large and growing very fast
› High-quality aged care institutions, training organisations and aged care workers are all in short supply.

**Aged care institutions**
At the end of 2016, there were over 534 aged care institutions and 126,245 aged care beds (including those under construction), of which 111,422 beds were in operation.

**Shortage of care workers**
At the end of 2016, there were 7,000 aged care workers in service, and an estimated shortage of 23,000 workers.

**Beijing government’s development goal**
› 40 aged care beds per thousand elderly people
› usage rate of aged care beds ≥ 80%
› 208 nursing and aged care centres (street/village/county)
› ≥1,000 community aged care centres
› >50 care workers for every 10,000 elderly people.

**Key opportunities for aged care training**
Accredited training programs partnering with vocational training institutions; tailored training programs for management and aged care workers; introduction of standards and service quality management and rating systems; senior education curricula; nutrition management for meals for the elderly; elderly mental health.

Source: Beijing Statistics Bureau, Beijing Development Report 2016-17, Beijing Care Workers, Beijing’s 13th Five-year Plan for aged care industry.
SHANDONG

**GDP**
In 2017, Shandong achieved a GDP of RMB7.27 trillion, a growth rate of 7.4%.

**Population**
100m; 13.99m elderly people ≥ 65 years old, an ageing ratio of 14%.

**Characteristics and trends**
› The Shandong provincial government encourages international players to run for-profit medical institutions through joint venture or cooperative models.
› International players to run vocational training, aged care and welfare organisations.

**Aged care institutions**
In 2017, Shandong had 10,590 aged care institutions operating 649,000 beds.

**Shortage of care workers**
The current 30,000 care workers; a workforce of 500,000 is required by 2020.

**Key opportunities for aged care training**
Train-the-trainer programs; facility operation and management training; aged care specialist/professional training.

Source: Shandong Provincial Bureau of Statistics, Shandong Government
Jiangsu

GDP
In 2017, Jiangsu achieved a GDP of RMB8.59 trillion, a growth rate of 7.2%, the second largest provincial economy in China.

Population
80.29m; 17.56m elderly people ≥ 60 years old, an ageing ratio of 22.52%

Characteristics and trends
› Jiangsu leads the medical and aged care services integration initiative in China.
› Suzhou, Nanjing and Nantong are among the first group of cities approved by central governments for national-level pilot programs for medical and aged care service integration.
› Zhongshan College and Jiangsu Vocational Institute of Commerce were among the first private education institutions in China to offer aged care diplomas to address local talent shortage.

Aged care institutions
There were 2,463 aged care institutions operating 640,000 beds by 2017.

Shortage of care workers
Total industry workforce is 49,084, including 26,814 care workers (in 2016); estimated shortage of 60,000 care workers.

Key opportunities for aged care training
Medical and aged care services integration; rehabilitation training; program design and consultancy; facility operation manager training.

Source: Jiangsu Committee on Ageing Jiangsu, Provincial Government, Aged Care Institutions, Care Workers
SHANGHAI

GDP
In 2017, Shanghai achieved a GDP of RMB3.01 trillion, a growth rate of 6.9%.

Population
24m; 3.18m elderly people ≥ 65 years old, an ageing ratio of 13%, of which 1.98m people are aged ≥70 years old, accounting for 8% of the total population.

Characteristics and trends
› Homecare and related services are a priority for the Shanghai Government, though nursing homes and services are also important.
› High-quality aged care institutions, training organisations and aged care workers are all in short supply.

Aged care institutions
There are 703 aged care institutions operating 140,400 beds; 283 of these facilities provide medical services. There are 39 nursing homes with 11,700 beds. Shanghai also has 127 Senior Care Centres with 3,430 beds, 100 community care centres for seniors, 560 day service centres for seniors, 334 community aged care service organisations and 707 community catering centres for seniors.

Aged care workers
There are 83,000 care workers and the government is aiming to have 45,000 new well-trained care workers by 2020.

Key opportunities for aged care training
Accredited training programs (partnering with vocational training institutions); tailored training programs for management and care workers; service standards and rating systems; senior education curricula; nutrition management; elderly mental health; elderly home re-design/building/refurbishment.

Source: Shanghai Research Centre for Ageing, Shanghai Statistics Bureau, Shanghai Civil Affairs Bureau
HUBEI

**GDP**
In 2017, Hubei achieved a GDP of RMB3.65 trillion, a growth rate of 7.8%.

**Population**
59m; 7.15m people ≥ aged 65 years old, an ageing ratio of 12%.

**Aged care institutions**
There are 1,935 aged care institutions operating 340,000 beds.

**Shortage of care workers**
Current aged care workforce of 10,000 and an estimated shortage of 230,000.

**Key opportunities for aged care training**
Training for aged care nurses; train-the-trainer programs; managers’ training; rehabilitation training; and facility operation management training.

Source: http://wap.state-hb.gov.cn/ Hubei Government
SICHUAN

**GDP**

In 2017, Sichuan achieved a GDP of RMB3.7 trillion, a growth rate of 8.1%.

**Population**

83m; 11.57m people ≥ 65 years old, an ageing ratio of 13.94%.

By 2020, it is estimated the number of people aged ≥ 60 years old will reach 18.66 million.

**Aged care institutions**

At the end of 2017, there were 3,270 aged care organisations. At the end of 2016, there were 490,000 aged care beds and 18,000 qualified aged care workers.

**Shortage of care workers**

According to the Sichuan Civil Affairs Department, Sichuan requires a total aged care workforce of 1 million but there are currently only 200,000 workers, a shortfall of 800,000.

**Key opportunities for aged care training**

Training program design; facility operation and management; train-the-trainer program; dementia.

Source: Sichuan Health, Sichuan Government, Sichuan Civil Affairs, Sichuan Statistics
GUANGDONG

GDP

In 2017, Guangdong achieved a GDP of RMB8.99 trillion, a growth of 7.5%, the largest economic powerhouse in China in the past 30 years.

Population

112m; 9.63m people ≥ 65 years old, an ageing ratio of 8.6%.

Characteristics and trends

- The ageing population is large and growing very fast.
- High-quality aged care institutions, training organisations and aged care workers are all in short supply.

Aged care institutions

There are 2,717 aged care institutions operating 434,000 aged care beds, supported by a workforce of 40,000 people, of which 22,000 are aged care workers.

Shortage of care workers

Estimated shortage of 650,000 aged care workers who are required to support 1.94m disabled elderly people.

Funds

Large government fund to support aged care training for managers and aged care workers.

Key opportunities for aged care training

Train-the-trainer programs, dementia education, medication management, accredited training programs, managers’ training, aged care specialist training.

Source: Guangdong Statistics, Guangzhou Civil Affairs Bureau, Care Workers
About Austrade

The Australian Trade and Investment Commission (Austrade) is the Australian Government’s international trade promotion and investment attraction agency. We deliver quality trade and investment services to businesses to grow Australia’s prosperity. We do this by generating and providing market information and insights, promoting Australian capability, and facilitating connections through our extensive global network.

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Austrade China Healthcare Team

Austrade has a dedicated healthcare team across China. The bilingual team members can provide Australian companies with:

› advice about doing business in China
› introductions to appropriate Chinese healthcare providers in the public and private sectors and potential partners
› advice on applicable regulations
› invitations to healthcare missions.

Austrade works with industry to promote Australian healthcare and aged care capabilities in China, showcasing Australian expertise at ministerial business missions and Australia–China aged care forums and seminars. Austrade also runs inbound health and aged care missions and supports Australian business to attend local healthcare and aged care exhibitions across China.

For more information on how Austrade’s China healthcare team can assist you:

china@austrade.gov.au