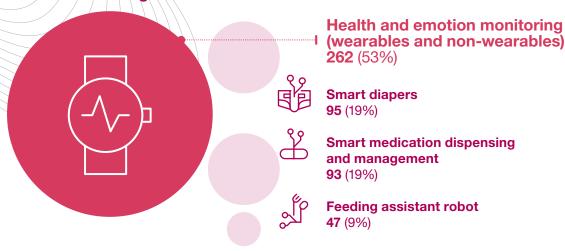


Emerging self-care assistive technology

497

patent families for emerging self-care assistive technology filed across 29 patent offices

## What technologies are involved?



**84**% of inventions were filed for patent protection in one jurisdiction, indicating interest is mainly toward individual markets

## Which are the fastest growing technologies?

**Devices for health and emotion monitoring** are areas of recent patenting activity (77% of related applications published after 2010). **Non-wearable** (e.g., smart carpets, mirrors and platforms) and **wearable** (e.g., smart wristbands, virtual reality headsets, smart clothing and insoles) devices grew on average by **38**% and **26**%, respectively, between 2013 and 2017

## Who is filing?

20%



## Top patent applicants

Google (U.S.)	13
<b>Liuzhou Yiwang Technology</b> (China)	5
National Rehabilitation Center (Republic of Korea)	4
Kimberly-Clark (U.S.)	4
Johnson & Johnson (U.S.)	4

Emerging assistive technology for self-care is a highly fragmented patent landscape, with many different applicants holding small patent portfolios