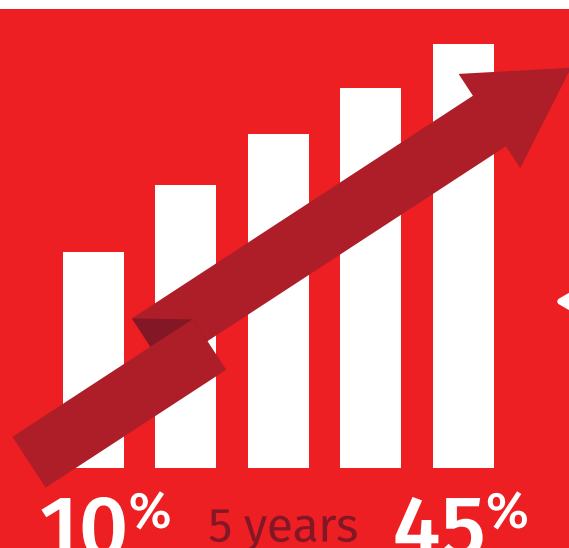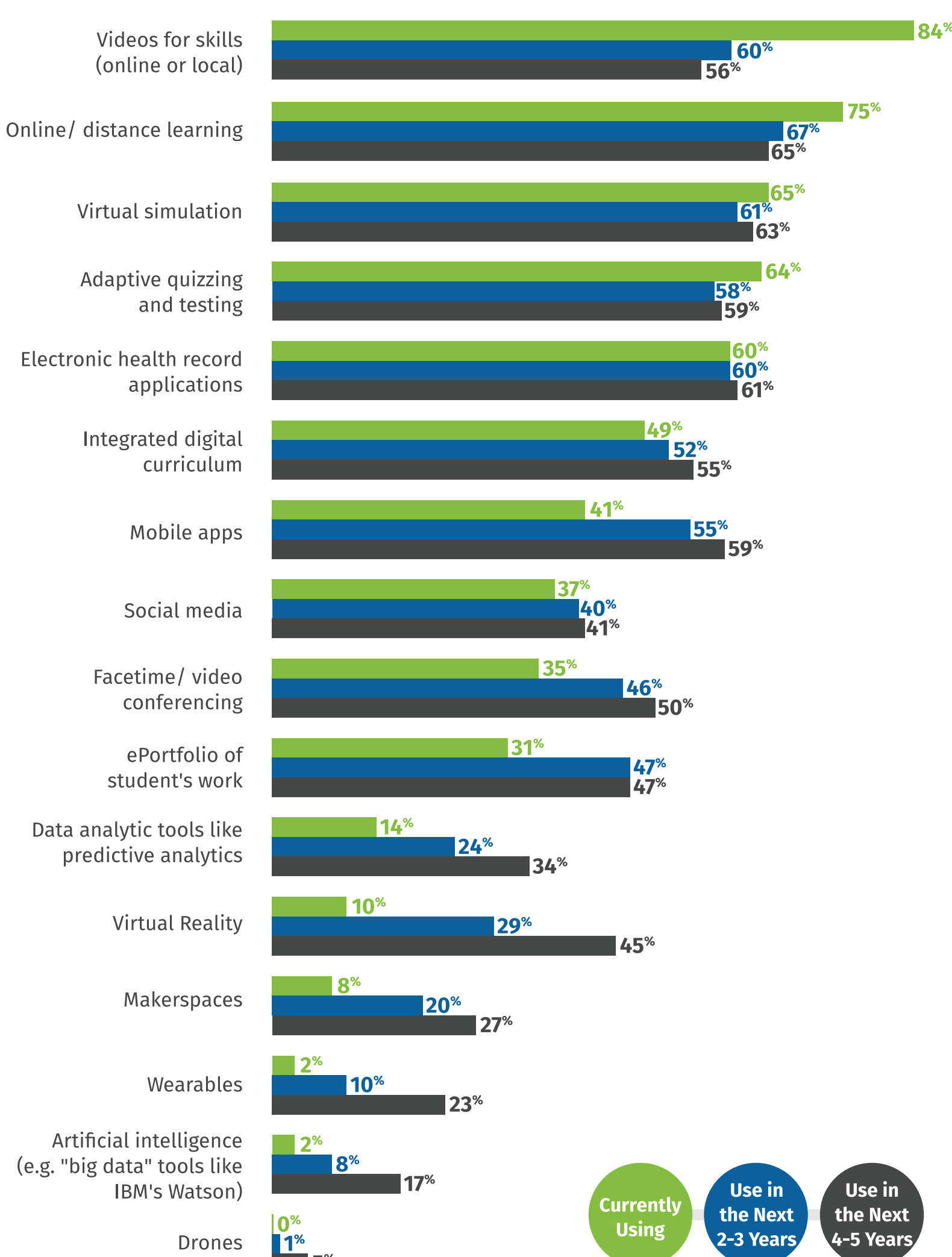# Wolters Kluwer

Educator **Forecast** for **Tech Usage** and growth in **Nursing Education** Programs

Over the next five years, many technologies that currently have widespread adoption in nursing programs in the U.S. will begin to drop off, while use of new innovations will increase. Colleges with larger numbers of students will adopt new tech more quickly than smaller programs, while mobile apps and virtual reality are expected to see the biggest growth.

Here's the forecast for tech growth in nursing education programs over the next five years.

Technology Use and Adoption Expectations

Technology	Currently Using	Use in the Next 2-3 Years	Use in the Next 4-5 Years
Videos for skills (online or local)	84%	60%	56%
Online/ distance learning	75%	67%	65%
Virtual simulation	65%	61%	63%
Adaptive quizzing and testing	64%	58%	59%
Electronic health record applications	60%	60%	61%
Integrated digital curriculum	49%	52%	55%
Mobile apps	41%	55%	59%
Social media	37%	40%	41%
Facetime/ video conferencing	35%	46%	50%
ePortfolio of student's work	31%	47%	47%
Data analytic tools like predictive analytics	14%	24%	34%
Virtual Reality	10%	29%	45%
Makerspaces	8%	20%	27%
Wearables	2%	10%	23%
Artificial intelligence (e.g. "big data" tools like IBM's Watson)	2%	8%	17%
Drones	0%	1%	5%

Over the next 5 years, virtual reality is expected to show the greatest increase in adoption.
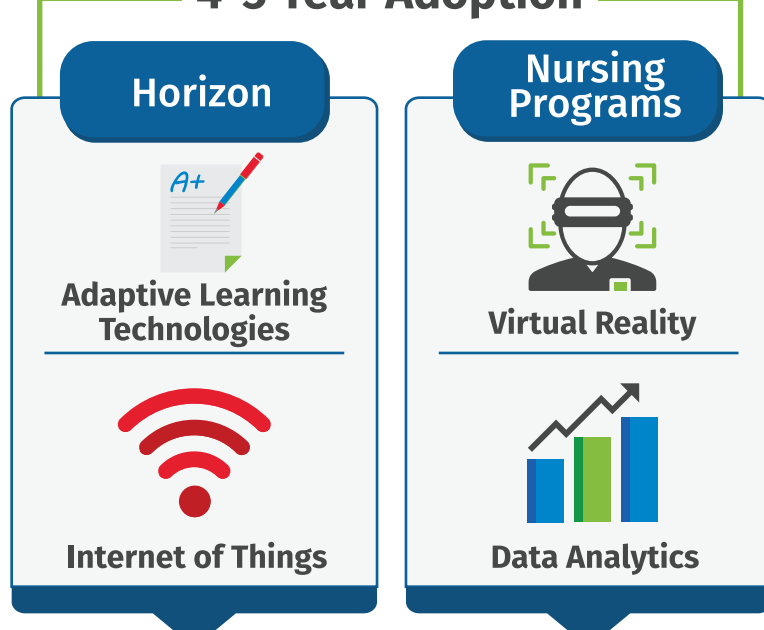
10% 5 years **45%**

The top technologies expected to be adopted over the next 2-3 years, or 4-5 years differ between the Horizon report and what nursing educators expect in their programs.

2-3 Year Adoption

Horizon
Makerspaces
Wearables

Nursing Programs
Mobile Apps
ePortfolios

Only about a quarter of nurse educators anticipate implementing **Makerspaces (29%)** or **Wearables (24%)** in the next 4-5 years. The *Horizon* Report suggests that these technologies will be implemented in 2-3 years.

4-5 Year Adoption

Horizon
Adaptive Learning Technologies
Internet of Things

Nursing Programs
Virtual Reality
Data Analytics

Nursing programs appear to be adopting **adaptive quizzing and testing earlier (64% already do so)**. The *Horizon* report anticipates all higher education programs doing so in 4-5 years.

The data highlighted in this infographic was collected by Wolters Kluwer via in-depth phone interviews and quantitative surveys with thought leaders in nursing education from August 2016-September 2016.