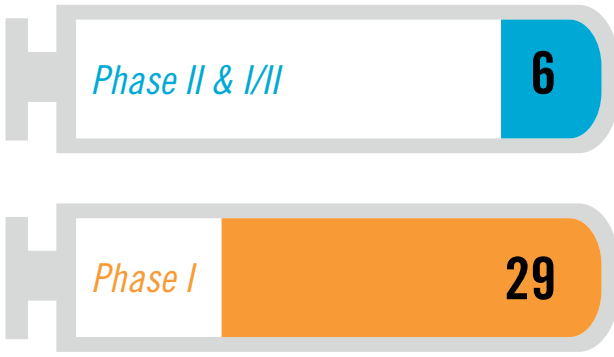


AIDS Vaccines by the Numbers

Trials, discoveries, money and more

We know that an AIDS vaccine is possible and that a vaccine will be an important part of a long-term strategy to end the AIDS epidemic. The road ahead is long, but clinical trials — even those with disappointing results — and early-stage research provide critical clues to the way forward. The graphics below represent key facts about the AIDS vaccine field.

THE NUMBER OF AIDS VACCINE TRIALS UNDERWAY (2015)

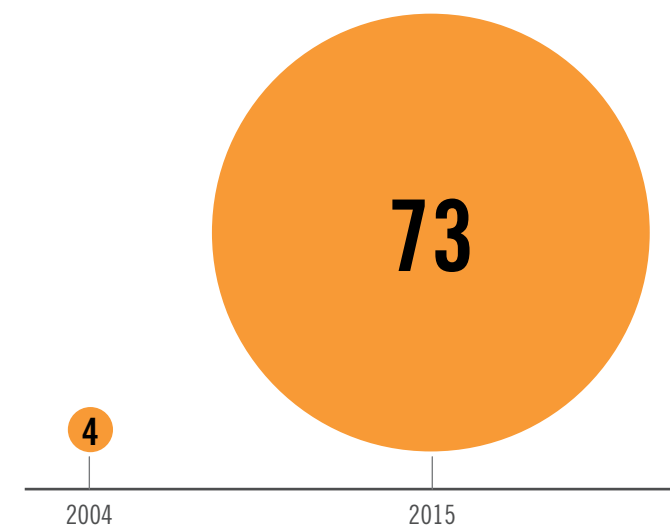


VACCINE STRATEGIES IN CLINICAL TRIALS (2015)*

Vaccine Concept	Vaccine Strategy Phase of research (Locations of trials)	Vaccine Concept	Vaccine Strategy Phase of research (Locations of trials)
Pox-Protein	ALVAC/AIDSVAX Phase II (Thailand)	Adenovirus	Ad26.Mos.HIV + Ad26, MVA or gp140 boost Phase I/II (Rwanda, South Africa, Thailand, Uganda, USA)
DNA	DNA delivered through electroporation Phase II (Mozambique, Tanzania)	Pox-Protein	ALVAC/gp120 MF59 adjuvant Phase I/II (South Africa)
Replicating Vector	Tiantan vector + DNA Phase I/II (China)	Lipopeptide	LIPO-5 Phase I/II (France)
Pox-Protein	ALVAC/AIDSVAX Phase Ib (South Africa)	Adenovirus	Replicating Adenovirus 26 Vector Phase I (US)
DNA + MVA	DNA + MVA Phase I (China, US)	Adenovirus	Ad35.RSV.FA2 Phase I (US)
DNA/Protein	DNA/AIDSVAX Phase I (Uganda, US)	Replicating Vector	SeV-G with Ad35 boost Phase I (Kenya, Rwanda, UK)
Adenovirus	Ad4-mgag and Ad4-EnvC150 Phase I (US)	Replicating Vector	Replicating Ad26 + mosaic insert Phase I (US)

*Select vaccine strategies in ongoing clinical trials. Some strategies studied in more than one ongoing trial. For more concepts visit www.avac.org/pxrd. Source: AVAC Prevention Research & Development Database (PxRD), www.avac.org/pxrd

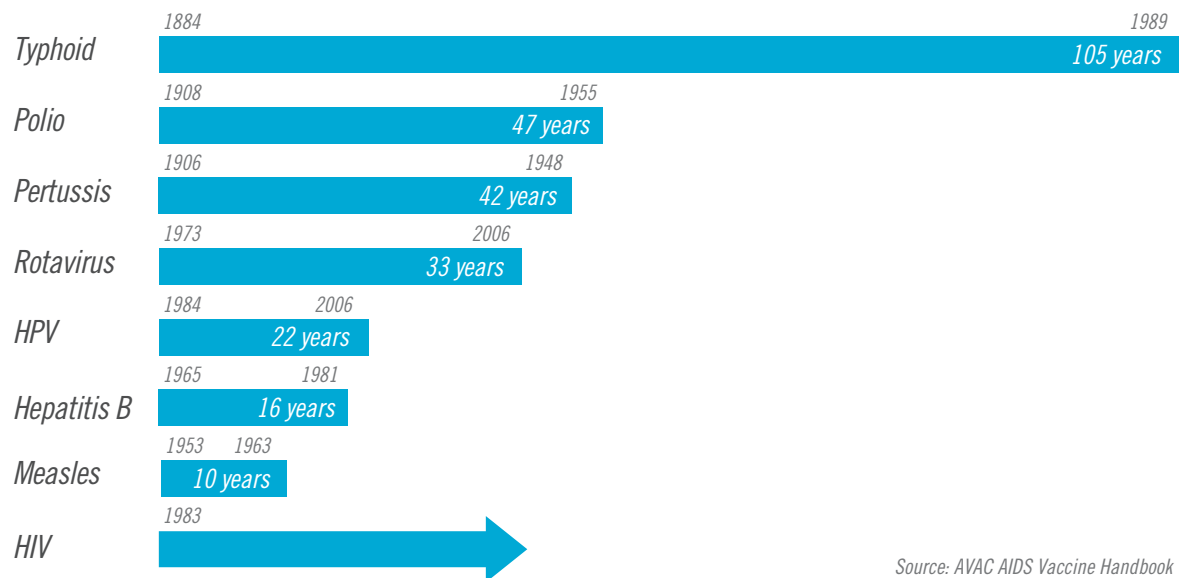
NUMBER OF BROADLY NEUTRALIZING ANTIBODIES DISCOVERED



Source: Broadly Neutralizing Antibodies Electronic Resource, (bNAber.org)

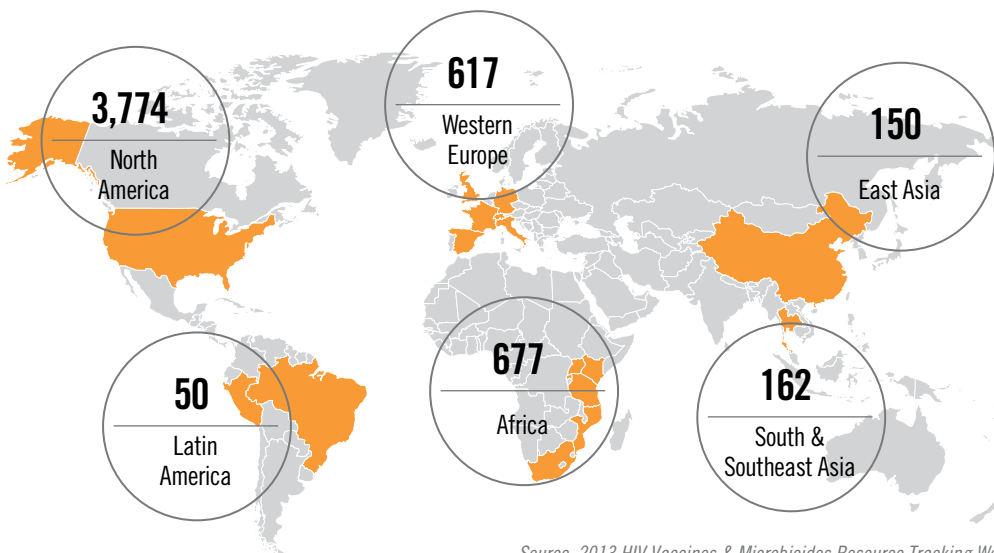
TIME TO DEVELOP A VACCINE

Duration between discovery of microbiologic cause of selected infectious diseases and development of a vaccine



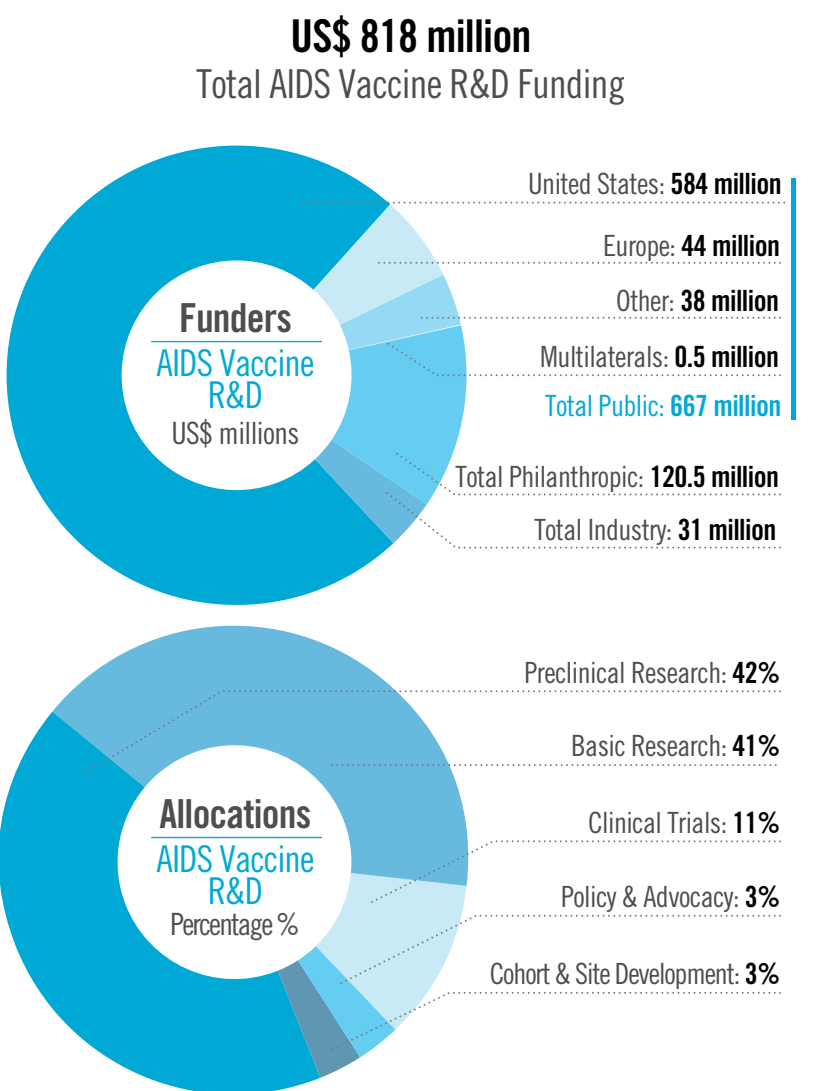
Source: AVAC AIDS Vaccine Handbook

AIDS VACCINE CLINICAL TRIAL PARTICIPANTS BY REGION (2013)



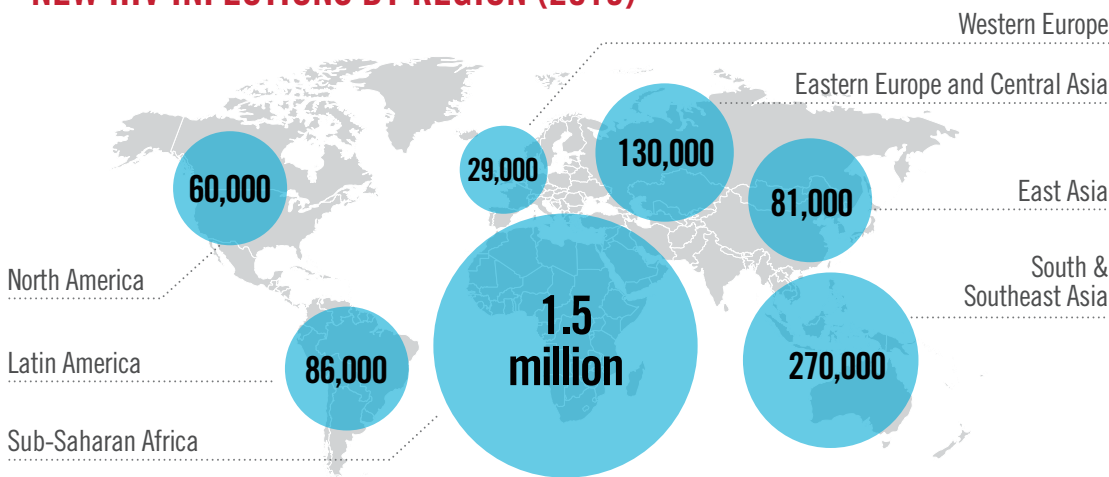
Source: 2013 HIV Vaccines & Microbicides Resource Tracking Working Group

GLOBAL INVESTMENT IN AIDS VACCINE R&D (2013)



Source: 2013 HIV Vaccines & Microbicides Resource Tracking Working Group, www.hivresourcetracking.org

NEW HIV INFECTIONS BY REGION (2013)



Source: UNAIDS 2013 By the Numbers

EPIDEMICS SUCCESSFULLY COMBATED WITH VACCINES (CASES 1980 – TODAY)



Data from the World Health Organization, estimated cases

THE WORLD NEEDS AN AIDS VACCINE

