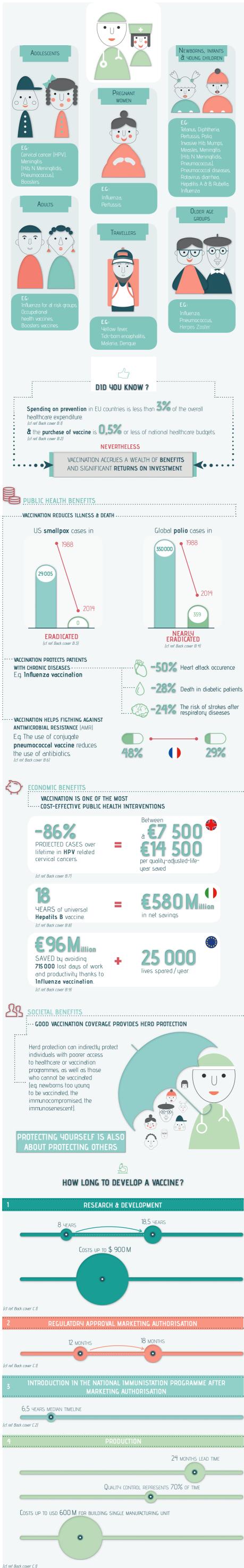


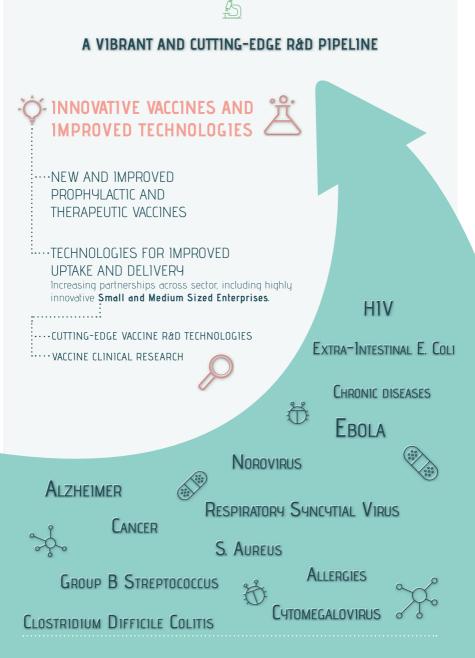
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## VACCINES: AN EFFECTIVE PUBLIC HEALTH TOOL

# ACCINES KEEP PEOPLE HEALTHIER FOR LONGER AND ACROSS ALL AGES

PREVENTING DEATH & ILLNESS FROM VACCINE PREVENTABLE DISEASES





Vaccines Europe is the specialised vaccine industry group operating within the European Federation of Pharmaceutical Industries and Associations (EFPIA). It represents innovative research-based global vaccine companies as well as small and medium-sized enterprises operating in Europe. For more information, visit:

WWW.VACCINESEUROPE.EU

#### THE EU VACCINE INDUSTRY IN FIGURES

A.1

Vaccines Europe members data for the year 2014. Data concerns figures from the following companies: Abbolt Biologicals, AstraZeneca, bioCSL, GSK Vaccines, Janssen, Novartis Influenza Vaccines, Pfizer, Sanofi Pasteur and Sanofi Pasteur MSD

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B.1	WHO report on The case for investing in public health: http://www.eurowho.int/data/assets/pdf_ file/0009/278073/Case-Investing-Public-Health.pdf
B.2	Olivier Ethgen, Florence Baron-Papillon & Murielle Cornier (2016): How much money is spent on vaccines across Western European countries?, Human Vaccines & Immunotherapeutics, DOI: 10.1080/2164551520161155013 To link to
B.3	Roush et al. (2007), Historical Comparisons of Morbidity and Mortality for Vaccine-Preventable Diseases in the United States, JAMA;298 (18): 2155-2163. doi: 10.1001/ jama. 298. 18. 2155
B.4	WHO (2015), Poliomyelitis Fact Sheet N 114, accessible at: http://www.whoint/mediacentre/factsheets/fs114/en/
B.5	Udell et al (2013); Association Between Influenza Vaccination and Cardiovascular Outcomes in High-Risk Patients, JAMA; 2013; 310 (16): 1711-1720. doi: 10.1001/jama. 2013. 279206
B.6	Wilby et al. (2012), A review of the effect of immunization programs on antimicrobial utilization, Vaccine Oct 12,30(46)6509-14. doi: 10.1016/jvaccine2012.08.03. http://www.quedu.ga/pharmacy/research_backup/publication_do- cuments/2012/KI_A_review_of_the_effect_pub_Sep2012.pdf
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B.7	Dasbach et al. (2008), The epidemiological and economic impact of a quadrivalent human papillomavirus vaccine in the UK. BJOG: An international journal of obstetrics and gynaecology; 115(8): 947-56
B.8	Boccalini et al. (2013). Economic analysis of the first 20 years of universal hepatitis B vaccination program in Italy - An a posteriori evaluation and forecast of future benefits, Human Vaccines & Immunotherapeutics 9: 5, 1119-1128
B.9	Préaud et al. (2014), Annual public health and economic benefits of seasonal influenza vaccination: a European estimate, BMC Public Health 2014, 14: 813 http://www.biomedcentral.com/1471-2458/14/813

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CI IFPMA (2013), Vaccine Research & Development, http://www.ifpma.org/resource-centre/vaccine-research-and-de-velopment/ and IFPMA (2014), Maintaining the vaccines innovation edge; http://www.ifpma.org/resource-centre/maintaining-the-vaccines-innovation-edge/

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