CEO Board update

Seth Berkley, MD 14 June 2017, Geneva





Sections

- 1. Key developments in the global landscape
- 2. Reporting back on previous Board decisions
- 3. Strategic questions for discussion
- 4. Alliance update
- 5. Board agenda



Changes in donor and global health leadership



Berlin Declaration of G20 Health Ministers



"We welcome the voluntary financing to... the Global Fund and Gavi, for complementing domestic resources for health to build resilient and sustainable systems as a step towards realizing universal health coverage."

Improving Global Health: Statement for the G20 Summit handed over to Angela Merkel



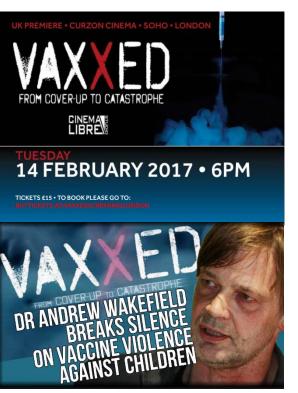


13% renewed annually



Follow

Anti-vaccine movements: increasing activity







This is a unalloyed disaster for public health.







Anti-vaccine movements: surge in measles

Italy's Five Star Movement blamed for surge in measles cases

Previous Board decisions

Italian health official makes accusation against populist party, which proposed anti-vaccination law in 2015



M5S leader Beppe Grillo campaigning for 'no' in Italy's referendum on constitutional reform; the party has also said no to vaccinations. Photograph: Alessandro Di Marco/EPA

Measles outbreak kills 17 unvaccinated children in Romania



The World Health Organization says children in affluent countries have a greater risk of infection because of scepticism about immunisation

Minnesota Sees Largest Outbreak of Measles in Almost 30 Years

By CHRISTOPHER MELE MAY 5, 2017









Minnesota measles outbreak worsens, disproportionately affecting Somali community

State health officials lay some of the blame on anti-vaccine activists



Key developments Previous Board decisions Strategic questions for discussion Update on the Alliance Board agenda

© 26 May 2017 Europe

Anti-vaccine movements: surge in measles

Italy makes 12 vaccinations compulsory

for children

① 19 May 2017 Europe



The government in Italy has ruled that children must be vaccinated against 12 common illnesses before they can enrol for state-run schools.

Germany vaccination: Fines plan as measles cases rise



Parents in Germany who fail to seek medical advice on vaccinating their children could face fines of up to €2,500 (£2,175; \$2,800).



Emerging risk: fake vaccines



2017: falsified versions of a meningitis vaccine have been found in Niger, says the World Health Organization.



2016: revaccination programme for children who were earlier given fake vaccines, at a community health center in Indonesia.



Strategic questions for discussion

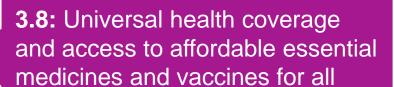
SDG immunisation indicator: timeline





Agreement on 2 immunisation targets

March



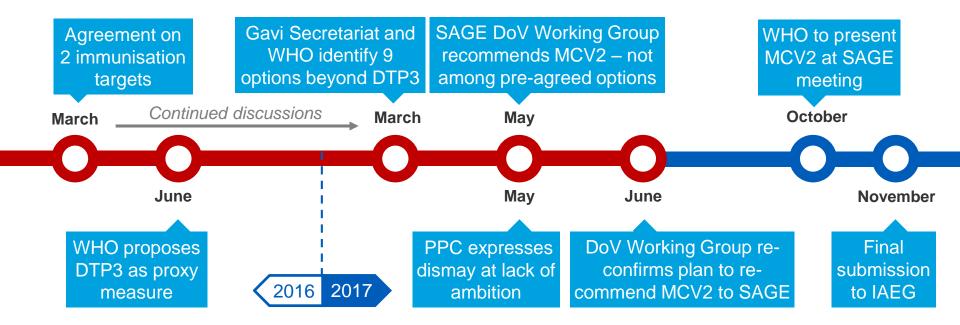
3.b: R&D and increased access to affordable essential medicines and vaccines



SDG immunisation indicator: timeline







Methods defined now cannot be revisited until 2020





SDG immunisation indicator: lack of ambition



Proposed indicator:

Measles 2nd dose



measles 1st dose:

100% of countries introduced

measles 2nd dose:

79% of countries

Better indicator:

11 WHO-recommended vaccines

19% of countries introduced*

* 20% if BCG is excluded



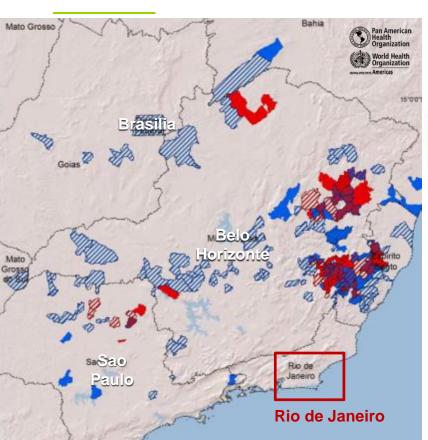


Need to measure real progress



By SETH BERKLEY MAY 15, 2017

Yellow fever: Brazil outbreak



Notified as of:

31 Jan 2017

Municipalities with reported human yellow fever cases

Confirmed

Under investigation

Federative Unit

Municipalities with reported yellow fever epizootics

Confirmed

Under investigation

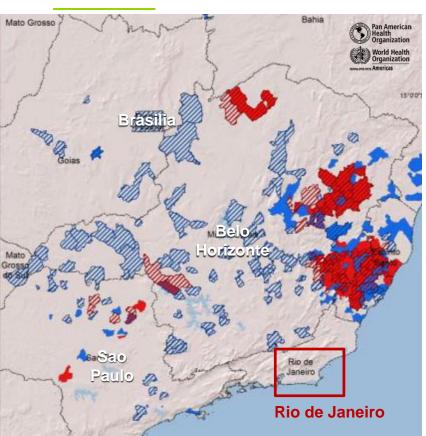
Health and social workers talk to relatives of Watila Santos, who died from yellow fever in Casimiro de Abreu, Brazil, in March, Leo Correa/Associated Press



The New York Times The Opinion Pages | OP-ED CONTRIBUTOR The Looming Threat of Yellow Fever







Notified as of:

2 Mar 2017

Municipalities with reported human yellow fever cases

Confirmed

Under investigation

Federative Unit

Municipalities with reported yellow fever epizootics

Confirmed

Under investigation

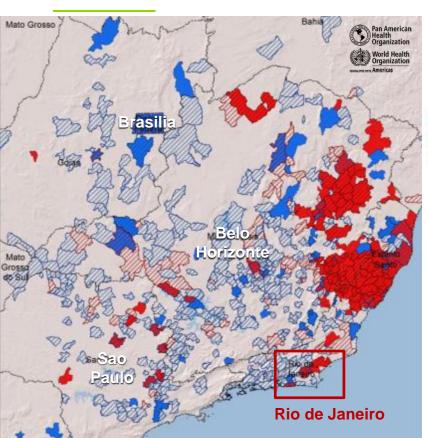


Health and social workers talk to relatives of Watila Santos, who died from yellow fever in

Casimiro de Abreu, Brazil, in March, Leo Correa/Associated Press

Board meeting 14-15 June 2017

Yellow fever: Brazil outbreak



Notified as of:

18 May 2017

Municipalities with reported human yellow fever cases

Confirmed

Under investigation

Federative Unit

Municipalities with reported yellow fever epizootics

Confirmed

Under investigation



The Opinion Pages | OP-ED CONTRIBUTOR

The Looming Threat of Yellow Fever

By SETH BERKLEY MAY 15, 2017

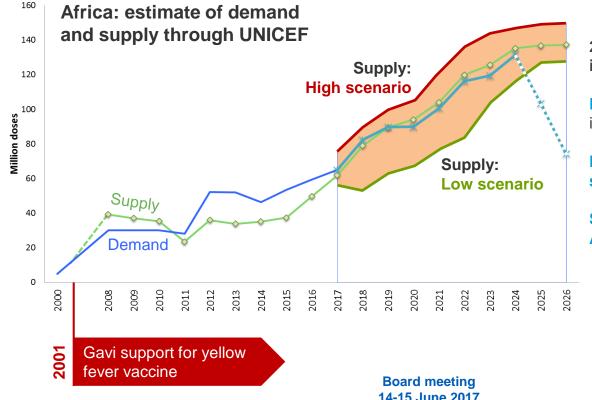


Health and social workers talk to relatives of Watila Santos, who died from yellow fever in Casimiro de Abreu, Brazil, in March, Leo Correa/Associated Press



Board meeting 14-15 June 2017

Yellow fever: vaccine supply



2013-2017: Working with partners to improve supply security

Encouraging manufacturers to invest in securing and increasing supply

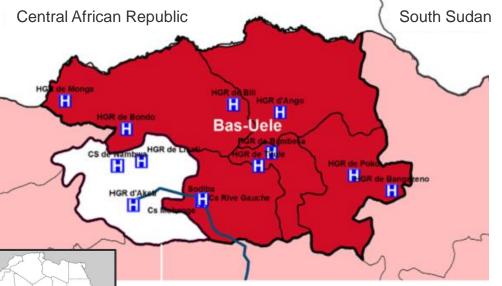
Providing technical and financial support to manufacturers

Strengthening National Regulatory Agencies



14-15 June 2017

Ebola returns: Democratic Republic of the Congo





Source: WHO situation report, 2 June 2017



Epidemic preparedness: launch of CEPI





Here broad group of partners celebrating #cepi launch @Davos #wef17 #globalhealth @wellcometrust @gatesfoundation





Richard Hatchett CEO, Coalition for **Epidemic Preparedness** Innovations (CEPI)



We want to stop future epidemics by developing new vaccines for a safer world.

Vaccines are one of the world's most important health achievements. Yet their life-saving potential hasn't yet been realised for many known and unknown epidemic threats, particularly in low-income countries, where the risks and needs are often greatest.



Board meeting 14-15 June 2017 Key developments

"If we are to make progress, we must... make new history." Mahatma Gandhi



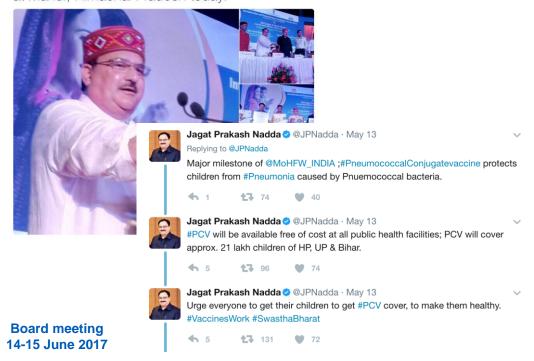
India-Gavi strategy: making new history

Pneumococcal vaccine

- Launch started in three states
- New presentation at lower price
- CSO engagement for mobilisation



Launched Pneumococcal Conjugate vaccine "PCV" under Universal Immunization Programme at Mandi, Himachal Pradesh today.



Pentavalent vaccine

Key developments

50% drop in lowest global price

Measles-rubella vaccine

Campaign started in five states

Rotavirus vaccine

Launched in five more states, self-financed



Strategic questions for discussion

Mission Indradhanush: full immunisation coverage up 5-7 % points since 2014

PM Modi personally tracks progress

Board meeting 14-15 June 2017

Pneumococcal vaccine: impact study, the Gambia

Pneumococcal Surveillance Project Medical Research Council Unit

Patients enrolled: 18,833

Results:

Key developments

Reduction in X-ray-proven pneumonia in children: 24%

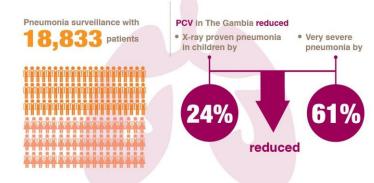
Reduction in pneumococcal pneumonia: 63%

Reduction in very severe pneumonia: 61%





Pneumococcal conjugate vaccine impact study



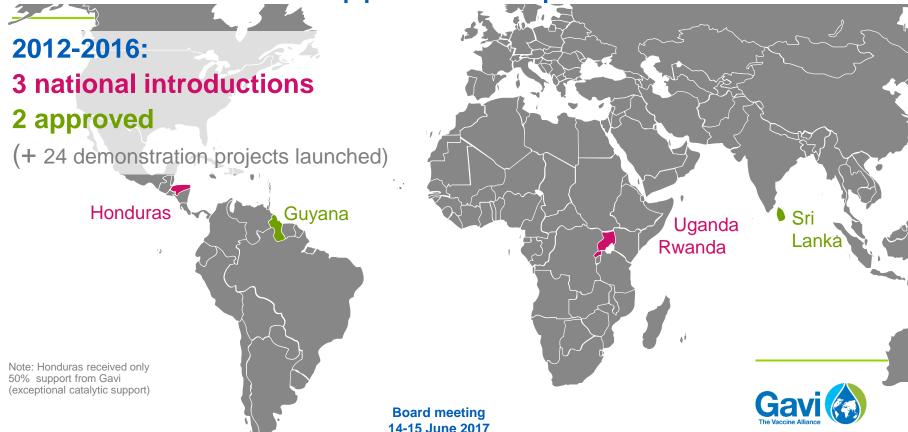


Syria: follow-up

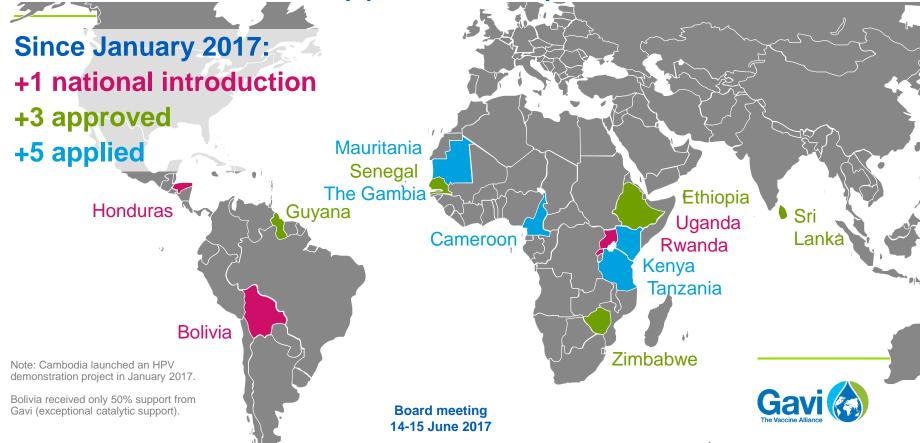
- Polio outbreak reported 8 June
- UNICEF proposal (developed with WHO and civil society) under review:
 - routine vaccines: inactivated polio, pentavalent, measles-mumps-rubella (MMR)
 - · cold chain equipment
 - measles campaign (vaccine support)
- Syria uses **MMR vaccine** Secretariat plans **exceptional support** to continue routine programme
- July: new GNI data may show Syria below threshold



HPV vaccine: new approach reaps rewards



HPV vaccine: new approach reaps rewards



HPV vaccine: supply shortages could jeopardise 2020 target

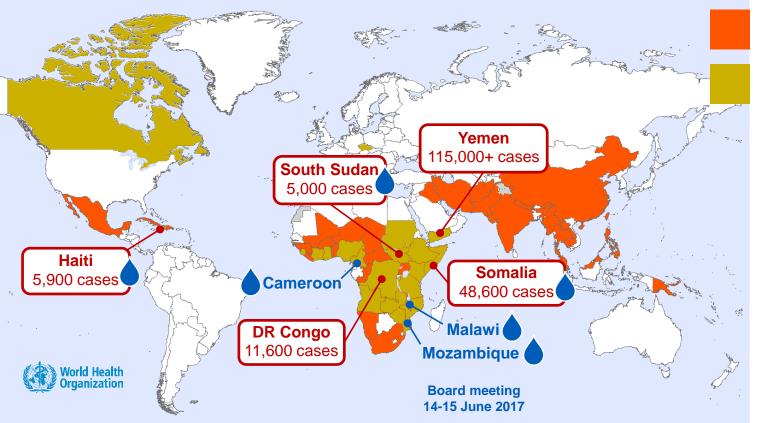
Fully immunised girls (millions)



~ 900,000 deaths averted







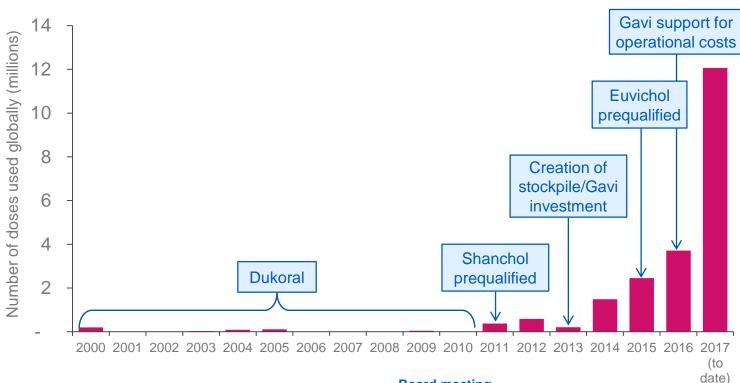
Countries reporting cholera, 2010-2015

Countries reporting cholera, 2017

Approved for Gavi vaccine support in 2017



Oral cholera vaccine: impact of investment

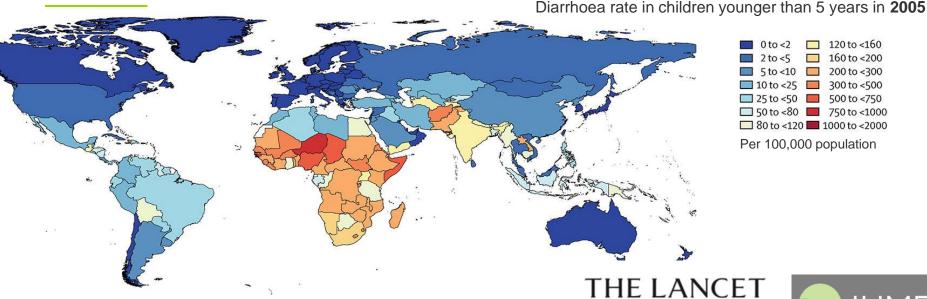




Board agenda

Key developments Previous Board decisions Strategic questions for discussion Update on the Alliance Board agenda

Diarrhoea deaths down by a third since 2005

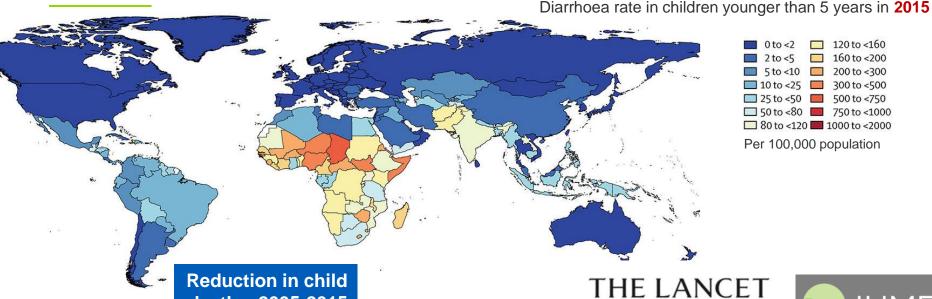


Troger, C, et al. Estimates of global, regional, and national morbidity, mortality, and aetiologies of diarrhoeal diseases: a systematic analysis for the Global Burden of Disease Study 2015.

The Lancet Infectious Diseases. 1 June 2017







Diarrhoea: 34%

deaths, 2005-2015

Rotavirus: 44%

Troger, C, et al. Estimates of global, regional, and national morbidity, mortality, and aetiologies of diarrhoeal diseases: a systematic analysis for the Global Burden of Disease Study 2015.

The Lancet Infectious Diseases. 1 June 2017





Board meeting 14-15 June 2017

Rotavirus vaccine: risk of intussusception



Key developments

vaccine. One million children swallowed three doses of the vaccine, Rotashield, at 2, 4 and 6 months of age, the company said.

But in July the Centers for Disease Control and Prevention, a Federal agency based here, said no one should get the vaccine because a program that monitors side effects suggested a link between the vaccine and the bowel condition, called intussusception.

Today, prompted by more than 100 reports of intussusception to the agency -- more than half of them within a week of vaccination -- American Home Products asked doctors and health workers to return all unused vaccine immediately. It said it would wait for completed studies to determine whether withdrawal of the vaccine would be permanent.





"No increased risk of intussusception was observed with RV1 [monovalent rotavirus vaccine]"

Gavi-funded study conducted in 7 African countries by the Intussusception Surveillance Network, technically convened by CDC and WHO



Rabies vaccine: Gavi drives change

Key developments





Board agenda

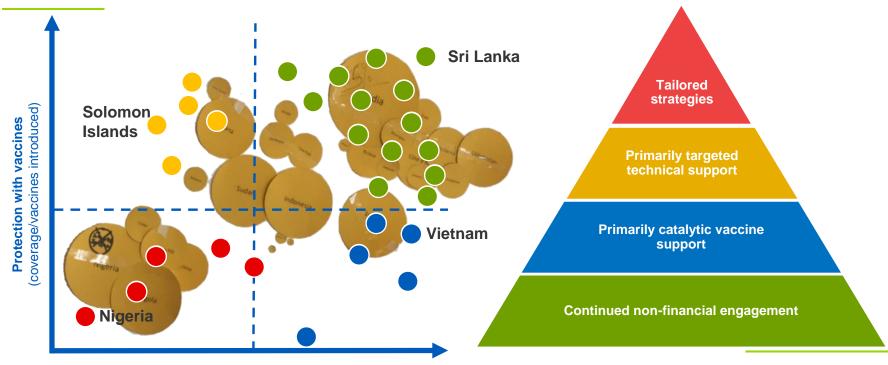
Key developments

Post-transition: scenarios for engagement



Strategic questions for discussion

Post-transition: scenarios for engagement



Sustainability (financing/institutional capacity)



Balancing risk and country ownership

- 1. How do we manage the risk to Gavi's reputation as we uncover examples where performance may be lower or systems weaker than we had previously understood?
- 2. What are the implications of better understanding these weaknesses for Gavi's risk appetite?
- 3. What are the implications for Gavi's model with its focus on country ownership?



Balancing risk and ownership: recurring theme

Country programmes



Kev developments

Report to the Board 14-15 June 2017

COUNTRY PROGRAMMES: STRATEGIC ISSUES SUBJECT: Agenda item: 07a

For Decision

Section A: Summary

This update:

- o Requests the Board to decide to continue support to Yemen despite the country's continuing defaulter status based on a recommendation by the Programme and Policy Committee (PPC) (see under 1 in Section B).
- o Presents two programmatic challenges that were discussed by the PPC for further guidance from the Board:
 - balancing risk assurance with the need for timely and predictable HSIS funding, and with ensuring country ownership and sustainability of programmes (see under 2 in Section B).
 - sustaining progress in introducing pneumococcal and rotavirus vaccines (see under 3 in Section B).
- o provides a high level cross-portfolio overview of PEF tier 1 countries' performance (see under 4 in Section B) for the Board's information and

A case study presenting Pakistan's recent progress towards improving equitable and sustainable immunisation coverage and describing how Alliance partners have come together to support the country in reaching more children with vaccines is

Detailed information on the Alliance's in-country operations, activities, achievements and challenges is provided in Annexes A through F. The PPC also discussed the progress made on the implementation of the Country Engagement Framework (Doc 03b to the May 2017 PPC).

Section B: Alliance Update on Country Programmes

- 1. Improving sustainability of national immunisation programmes and continued support to Yemen
- 1.1 As discussed in the Strategy Progress Update, 2016 was a record year in terms of country co-financing for Gavi-supported programmes. However. Yemen is an exception to this trend, having not been able to co-finance due

Board-2017-Mtg-1-Doc 07a

Risk appetite



Report to the Board 14-15 June 2017

REVIEW OF RISK APPETITE STATEMENT AND RISK SUBJECT:

Agenda item: For Decision

Section A: Introduction

- · Gavi's Risk & Assurance Report¹, approved by the Board in December 2016, prioritised 15 top risks. It provided an initial view of Gavi's inherent exposure to each of those risks and primary mitigation strategies. This paper provides a high-level update on major changes in Gavi's risk profile since then. A new comprehensive Risk & Assurance Report will be prepared for the November 2017 Board meeting.
- . This paper also presents an updated Risk Appetite Statement (Annex A) for approval by the Board, "Risk appetite" defines on a broad level the amount of risk the Alliance is willing to accept to achieve its mission and goals. The Audit and Finance Committee (AFC) has reviewed the updated statement and recommended it for approval. Guidance from both the AFC and the Programme and Policy Committee (PPC) is summarised in this paper and has been incorporated in the final version.
- · This paper also provides an update on progress in strengthening risk management across the Alliance.

Section B: Content

- Changes in Gavi's risk profile since December
- Gavi's last Risk & Assurance report prioritised 15 top risks (4 very high and 11 high risks) and 15 medium risks (Annex B). Risks are dynamic in nature (due to changing risk factors and progress in mitigation) and may emerge, increase, decrease, or disappear. The Secretariat closely monitors these risks for changes in exposure. No substantial new risks have emerged since December 2016. However, the following top and medium risks have been impacted by recent trends and events:
 - (a) HIGHER: Vaccine confidence (risk f2) This risk has increased, with growth in anti-vaccine campaigning most notably in the United States, the European Union and India. Campaigners are explicitly seeking to target other countries in Europe and elsewhere. While policymakers

http://www.gavi.org/about/governance/gavi-board/minutes/2016/7-dec/minutes/11---risk-

² Refers to numbering of risks in Risk & Assurance report (see Annex B).

Board-2017-Mtg-1-Doc 11

Audit & investigations



Report to the Board 14-15 June 2017

SUBJECT:

REPORT FROM AUDIT AND INVESTIGATIONS

Agenda item: 13

For Information

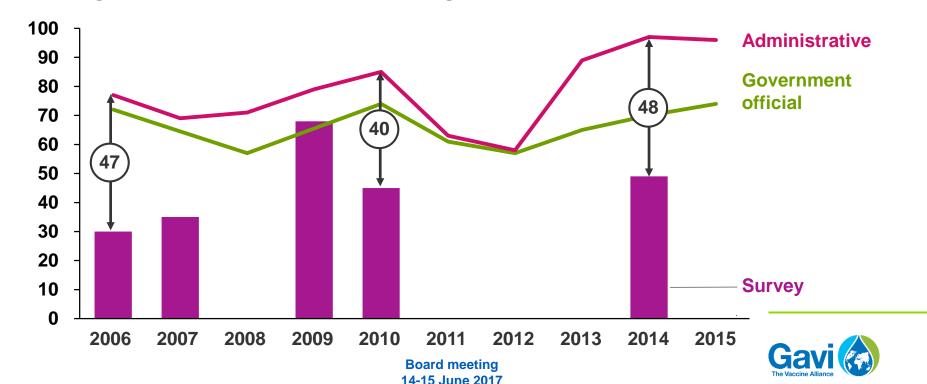
Section A: Introduction

- . The Managing Director Audit and Investigations is required to report to the Board at least annually (reports are otherwise made to the Audit and Finance Committee ("AFC") on matters arising, typically five times per year, and ad hoc as required). This report updates the Board on the results of the Audit and Investigations ("A&I") activity (summarised in Annex A) since the last Board report of June 2016 and is a high level summary of matters
- . The Board approved the reconstitution of the audit function from a single person Internal Audit activity in December 2014 (as part of Gavi's enhancement of its risk management activities incorporating the three lines of defence model, a commonly used configuration of risk management). A&I comprises the third line of defence being independent of the operational activities of the first two lines, and reports to the Board, which is effected through routine reporting to the AFC, and the Chief Executive Officer, Audits are conducted against annual plans approved by the AFC, drawn from a risk-based assessment of priority.
- . The A&I function was established in February 2015 with a 13 person authorised headcount. The Board approved the function's charter of operation ("Audit and Investigations Terms of Reference", ToR), reflecting this reconstitution, in December 2015. The A&I function comprises four
 - Internal Audit which is an independent and objective assurance and consulting activity to evaluate and improve the effectiveness of the organisation's risk management, control, and governance processes.
 - Programme Audit which conducts audits of programmes in-country to assess whether Gavi support, including cash, vaccines and related supplies, have been used as intended to provide value-for-money, considering both financial and programmatic aspects.
- Investigations and Counter-Fraud which conducts an evidence-based examination of possible misuse and other misconduct within Gavi. in Gavi-supported programmes in-country, or which otherwise impact upon the organisation. It conducts preventive activities to minimise the risk of such conduct occurring and/or impacting the organisation.

Board-2017-Mtg-1-Doc 13

Nigeria: challenge of weak data

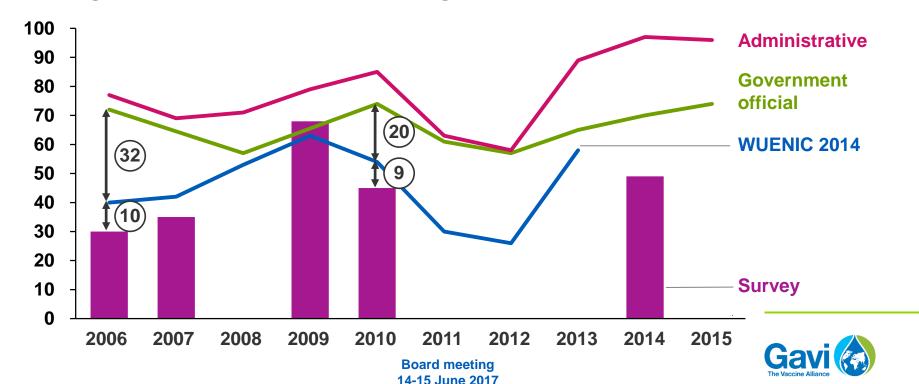
Coverage with three doses of DTP-containing vaccine, %



Nigeria: challenge of weak data

Key developments

Coverage with three doses of DTP-containing vaccine, %



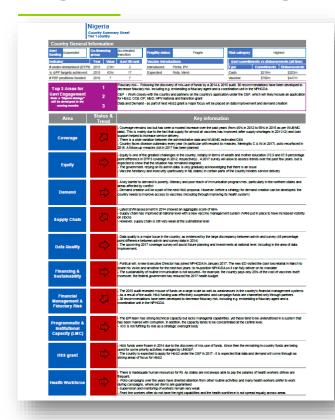
Key developments

Nigeria: challenge of weak data

Coverage with three doses of DTP-containing vaccine, %



Update on the Alliance



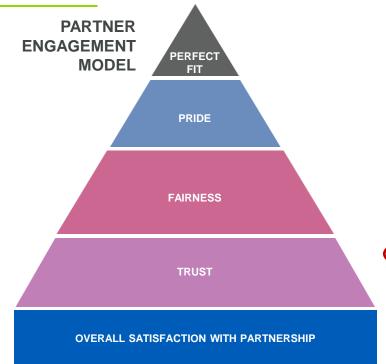
Kev developments

- Challenges in all key areas:
 - Data
 - Financial systems
 - Supply chain
 - Management
 - Health system
- Gavi investing to strengthen systems but long-term process
- How to balance risk and country ownership?

Board meeting 14-15 June 2017



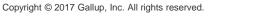
Alliance Health Survey: key findings









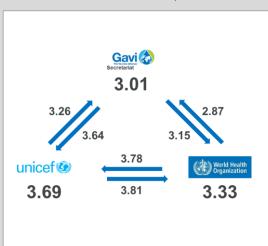




Alliance Health Survey: trust strongest at country level

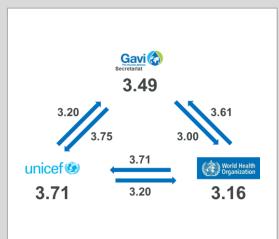
"My Gavi Alliance partners from ORGANISATION are partners I can always trust."

GLOBAL Level of Partnership



REGIONAL

Level of Partnership



COUNTRY

Level of Partnership





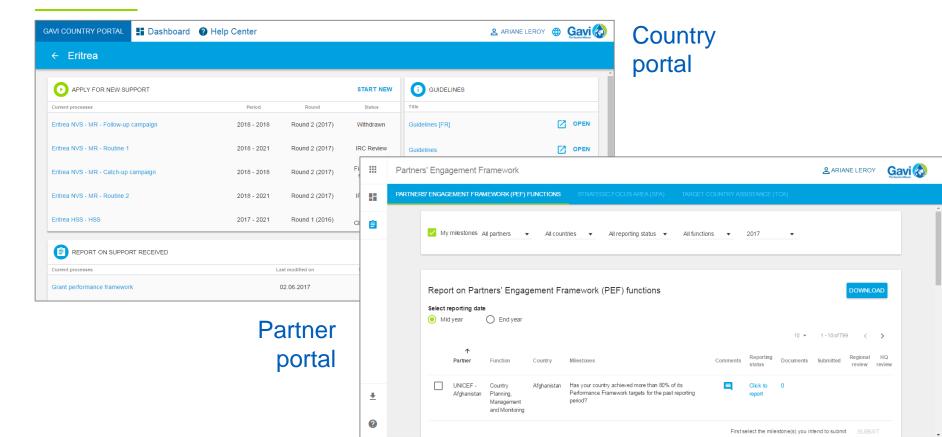


Key developments



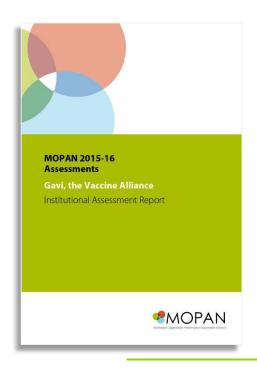


Knowledge management: Alliance coming together



MOPAN assessment: top marks for the Alliance

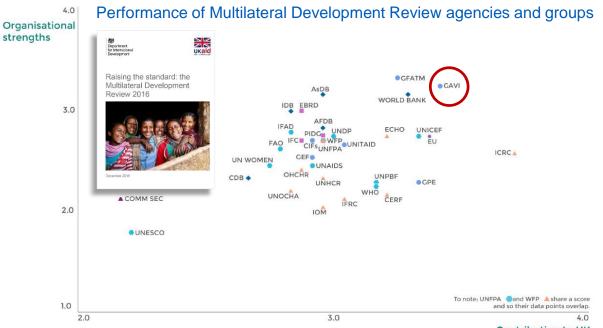
Organisational architecture and financial framework	Highly satisfactory
Operating model and human/financial resources	Highly satisfactory
Cost- and value-conscious, financial transparency/accountability	Highly satisfactory
Coherent partnerships, catalytic use of resources	Highly satisfactory
Strong and transparent results focus	Highly satisfactory
Implementation of global frameworks for cross-cutting issues	Satisfactory
Operational planning and intervention design tools	Satisfactory
Evidence-based planning and programming	Satisfactory



Note: descriptions of areas evaluated have been shortened for brevity. Areas for which scores were not available have been removed.



UK multilateral development review



Contribution to UK and international development objectives

Organisations like **Gavi, the Vaccine Alliance**,
are in many ways one of
the best parts of our aid
effort, saving millions of
lives with our investment.

Priti Patel,
UK Secretary of State
for International
Development



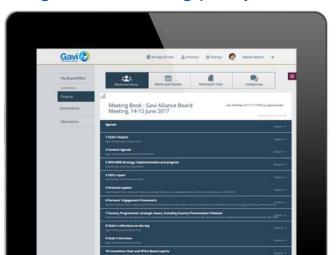
Board agenda





Consent agenda

- Board leadership
- Gavi policy: fragility, emergencies & refugees
- Review of cold chain optimization platform
- Programme funding policy



Main agenda

- Financial update
- Partners' Engagement Framework
- Country Programmes: strategic issues
- Review of risk appetite statement and risk management update
- Gavi's potential engagement in IPV post 2018
- Report from Audit and Investigations
- · Resource mobilisation update





Thank you



