

GAVI Alliance

Annual Progress Report 2014

Submitted by

The Government of *Mozambique*

Reporting on year: 2014

Requesting for support year: 2016

Date of submission: 17/06/2015

Deadline for submission: 27/05/2015

Please submit the APR 2014 using the online platform https://AppsPortal.gavialliance.org/PDExtranet

Enquiries to: apr@gavi.org or representatives of a GAVI Alliance partner. The documents can be shared with GAVI Alliance partners, collaborators and general public. The APR and attachments must be submitted in English, French, Spanish, or Russian.

Note: You are encouraged to use previous APRs and approved Proposals for GAVI support as reference documents. The electronic copy of the previous APRs and approved proposals for GAVI support are available at http://www.gavialliance.org/country/

The GAVI Secretariat is unable to return submitted documents and attachments to countries. Unless otherwise specified, documents will be shared with the GAVI Alliance partners and the general public.

GAVI ALLIANCE GRANT TERMS AND CONDITIONS

FUNDING USED SOLELY FOR APPROVED PROGRAMMES

The applicant country ("Country") confirms that all funding provided by the GAVI Alliance will be used and applied for the sole purpose of fulfilling the programme(s) described in the Country's application. Any significant change from the approved programme(s) must be reviewed and approved in advance by the GAVI Alliance. All funding decisions for the application are made at the discretion of the GAVI Alliance Board and are subject to the Independent Review Committee (IRC) and its processes and the availability of funds.

AMENDMENT TO THE APPLICATION

The Country will notify the GAVI Alliance in its Annual Progress Report (APR) if it wishes to propose any change to the programme(s) description in its application. The GAVI Alliance will document any change approved by the GAVI Alliance, and the Country's application will be amended.

RETURN OF FUNDS

The Country agrees to reimburse to the GAVI Alliance all funding amounts that are not used for the programme(s) described in its application. The country's reimbursement must be in US dollars and be provided, unless otherwise decided by the GAVI Alliance, within sixty (60) days after the Country receives the GAVI Alliance's request for a reimbursement and be paid to the account or accounts as directed by the GAVI Alliance.

SUSPENSION/ TERMINATION

The GAVI Alliance may suspend all or part of its funding to the Country if it has reason to suspect that funds have been used for purpose other than for the programmes described in the Country's application, or any GAVI Alliance-approved amendment to the application. The GAVI Alliance retains the right to terminate its support to the Country for the programmes described in its application if a misuse of GAVI Alliance funds is confirmed.

ANTICORRUPTION

The Country confirms that funds provided by the GAVI Alliance shall not be offered by the Country to any third person, nor will the Country seek in connection with its application any gift, payment or benefit directly or indirectly that could be construed as an illegal or corrupt practice.

AUDITS AND RECORDS

The Country will conduct annual financial audits, and share these with the GAVI Alliance, as requested. The GAVI Alliance reserves the right, on its own or through an agent, to perform audits or other financial management assessment to ensure the accountability of funds disbursed to the Country.

The Country will maintain accurate accounting records documenting how GAVI Alliance funds are used. The Country will maintain its accounting records in accordance with its government-approved accounting standards for at least three years after the date of last disbursement of GAVI Alliance funds. If there is any claims of misuse of funds, Country will maintain such records until the audit findings are final. The Country agrees not to assert any documentary privilege against the GAVI Alliance in connection with any audit.

CONFIRMATION OF LEGAL VALIDITY

The Country and the signatories for the Country confirm that its application, and APR, are accurate and correct and form legally binding obligations on the Country, under the Country's law, to perform the programmes described in its application, as amended, if applicable, in the APR.

CONFIRMATION OF COMPLIANCE WITH THE GAVI ALLIANCE TRANSPARANCY AND ACCOUNTABILITY POLICY

The Country confirms that it is familiar with the GAVI Alliance Transparency and Accountability Policy (TAP) and complies with the requirements therein.

USE OF COMMERCIAL BANK ACCOUNTS

The Country is responsible for undertaking the necessary due diligence on all commercial banks used to manage GAVI cash-based support. The Country confirms that it will take all responsibility for replenishing GAVI cash support lost due to bank insolvency, fraud or any other unforeseen event.

ARBITRATION

Any dispute between the Country and the GAVI Alliance arising out of or relating to its application that is not settled amicably within a reasonable period of time, will be submitted to arbitration at the request of either the GAVI Alliance or the Country. The arbitration will be conducted in accordance with the then-current UNCITRAL Arbitration Rules. The parties agree to be bound by the arbitration award, as the final adjudication of any such dispute. The place of arbitration will be Geneva, Switzerland. The languages of the arbitration will be English or French.

For any dispute for which the amount at issue is US\$ 100,000 or less, there will be one arbitrator appointed by the GAVI Alliance. For any dispute for which the amount at issue is greater than US \$100,000 there will be three arbitrators appointed as follows: The GAVI Alliance and the Country will each appoint one arbitrator, and the two arbitrators so appointed will jointly appoint a third arbitrator who shall be the chairperson.

The GAVI Alliance will not be liable to the country for any claim or loss relating to the programmes described in the application, including without limitation, any financial loss, reliance claims, any harm to property, or personal injury or death. Country is solely responsible for all aspects of managing and implementing the programmes described in its application.

By filling this APR the country will inform GAVI about:

Accomplishments using GAVI resources in the past year

Important problems that were encountered and how the country has tried to overcome them

Meeting accountability needs concerning the use of GAVI disbursed funding and in-country arrangements with development partners

Requesting more funds that had been approved in previous application for ISS/NVS/HSS, but have not yet been released

How GAVI can make the APR more user-friendly while meeting GAVI's principles to be accountable and transparent.

1. Application Specification

Reporting on year: 2014

Requesting for support year: 2016

1.1. NVS & INS support

| Type of Support | Current Vaccine | Preferred presentation | Active until |
|---------------------------------|--|---|--------------|
| Routine New Vaccines Support | Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | 2016 |
| Routine New Vaccines Support | DTP-HepB-Hib, 10 dose(s) per vial, LIQUID | DTP-HepB-Hib, 10 dose(s) per vial, LIQUID | 2015 |
| Routine New Vaccines Support | Measles second dose, 10 dose(s) per vial, LYOPHILISED | Measles second dose, 10 dose(s) per vial, LYOPHILISED | 2018 |
| Routine New Vaccines Support | Rotavirus, 2-dose schedule | Rotavirus, 2-dose schedule | 2018 |

DTP-HepB-Hib (Pentavalent) vaccine: Based on current country preferences the vaccine is available through UNICEF in fully liquid 1 and 10 dose vial presentations and in a 2 dose-2 vials liquid/lyophilised formulation, to be used in a three-dose schedule. Other presentations are also WHO pre-qualified, and a full list can be viewed on the <u>WHO website</u>, but availability would need to be confirmed specifically.

1.2. Programme extension

| Type of Support | Vaccine | Start year | End year |
|------------------------------|--|------------|--------------|
| Routine New Vaccines Support | Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | 2017 | 2018 |
| Routine New Vaccines Support | DTP-HepB-Hib, 10 dose(s) per vial, LIQUID | 2016 | 2018 |
| Routine New Vaccines Support | Measles second dose, 10 dose(s) per vial, LYOPHILISED | 2019 | No extension |
| Routine New Vaccines Support | Rotavirus, 2-dose schedule | 2019 | No extension |

1.3. ISS, HSS, CSO support

| Type of Support | Reporting fund utilisation in 2014 | Request for Approval of | Eligible For 2014 ISS reward |
|-----------------|------------------------------------|-------------------------------|------------------------------|
| HSS | Yes | next tranche of HSS Grant Yes | No |

VIG: Vaccine Introduction Grant; COS: Campaign Operational Support

1.4. Previous Monitoring IRC Report

APR Monitoring IRC Report for year 2013 is available here.

2. Signatures

2.1. Government Signatures Page for all GAVI Support (ISS, INS, NVS, HSS, CSO)

By signing this page, the Government of Mozambique hereby attests the validity of the information provided in the report, including all attachments, annexes, financial statements and/or audit reports. The Government further confirms that vaccines, supplies, and funding were used in accordance with the GAVI Alliance Standard Grant Terms and Conditions as stated in this Annual Progress Report (APR).

For the Government of Mozambique

Please note that this APR will not be reviewed or approved by the High Level Review Panel (HLRP) without the signatures of both the Minister of Health & Minister Finance or their delegated authority.

| Mini | ster of Health (or delegated authority) | Minister of Finance (or delegated authority) | | | | |
|-----------|---|--|------------------|--|--|--|
| Name | Nazira Karimo Vali Abdula | Name | Adriano Maleiane | | | |
| Date | | Date | | | | |
| Signature | | Signature | | | | |

<u>This report has been compiled by</u> (these persons may be contacted in case the GAVI Secretatiat has queries on this document):

| Full name | Position | Telephone | Email |
|--------------------|--|---------------|------------------------|
| Graça Matsinhe | National EPI Manager - MoH | +258846340483 | gmatsinhe@gmail.com |
| Fidel Luis Paizone | EPI M&E manager - MoH | +258840121925 | paizonee@gmail.com |
| Ercilio Paulino | EPI Administrative Assistant - MoH | +258825157285 | epaulino278@gmail.com |
| Manuel Novela | Country WHO EPI Focal Person -WHO Office | +25888007610 | novelama@who.int |
| Onei Uetela | Country UNICEF EPI Focal Person - UNICEF Office | +258843865242 | ouetela@unicef.org |
| Virginia Guibunda | Planning & Budget Department - MoH | +258823998125 | vguibunda@yahoo.com.br |

2.2. ICC signatures page

If the country is reporting on Immunisation Services (ISS), Injection Safety (INS) and/or New and Under-Used Vaccines (NVS) supports

In some countries, HSCC and ICC committees are merged. Please fill-in each section where information is appropriate and upload in the attached documents section the signatures twice, one for HSCC signatures and one for ICC signatures

The GAVI Alliance Transparency and Accountability Policy (TAP) is an integral part of GAVI Alliance monitoring of country performance. By signing this form the ICC members confirm that the funds received from the GAVI Alliance have been used for purposes stated within the approved application and managed in a transparent manner, in accordance with government rules and regulations for financial management.

2.2.1. ICC report endorsement

We, the undersigned members of the immunisation Inter-Agency Coordinating Committee (ICC), endorse this report. Signature of endorsement of this document does not imply any financial (or legal) commitment on the part of the partner agency or individual.

| Name/Title Agency/Organization Signature Date |
|---|
|---|

| Dr Francisco Mbofana Director of Health | Ministry of Health | |
|--|--|--|
| Dr Daniel Kertesz - WHO Representative | WHO Country Office | |
| Dr Koenraad Vanormeligengen - UNICEF Representative | UNICEF Country Office | |
| Dr Narciso Matos - FDC Executive Director | Foundation for Community Development - Mozambique | |

ICC may wish to send informal comments to: apr@gavi.org

All comments will be treated confidentially

Comments from Partners:

Comments from the Regional Working Group:

2.3. HSCC signatures page

We, the undersigned members of the National Health Sector Coordinating Committee (HSCC), Minister of Health, endorse this report on the Health Systems Strengthening Programme. Signature of endorsement of this document does not imply any financial (or legal) commitment on the part of the partner agency or individual.

The GAVI Alliance Transparency and Accountability Policy is an integral part of GAVI Alliance monitoring of country performance. By signing this form the HSCC members confirm that the funds received from the GAVI Alliance have been used for purposes stated within the approved application and managed in a transparent manner, in accordance with government rules and regulations for financial management. Furthermore, the HSCC confirms that the content of this report has been based upon accurate and verifiable financial reporting.

| Name/Title | Agency/Organization | Signature | Date |
|---------------------------|---------------------|-----------|------|
| Nazira Karimo Vali Abdula | Ministry of Health | | |

HSCC may wish to send informal comments to: apr@gavi.org

All comments will be treated confidentially

Comments from Partners:

Comments from the Regional Working Group:

2.4. Signatures Page for GAVI Alliance CSO Support (Type A & B)

Mozambique is not reporting on CSO (Type A & B) fund utilisation in 2015

3. Table of Contents

This APR reports on Mozambique's activities between January – December 2014 and specifies the requests for the period of January – December 2016

Sections

- 1. Application Specification
 - 1.1. NVS & INS support
 - 1.2. Programme extension
 - 1.3. ISS, HSS, CSO support
 - 1.4. Previous Monitoring IRC Report
- 2. Signatures
 - 2.1. Government Signatures Page for all GAVI Support (ISS, INS, NVS, HSS, CSO)
 - 2.2. ICC signatures page
 - 2.2.1. ICC report endorsement
 - 2.3. HSCC signatures page
 - 2.4. Signatures Page for GAVI Alliance CSO Support (Type A & B)
- 3. Table of Contents
- 4. Baseline & annual targets
- 5. General Programme Management Component
 - 5.1. Updated baseline and annual targets
 - 5.2. Monitoring the Implementation of GAVI Gender Policy
 - 5.3. Overall Expenditures and Financing for Immunisation
 - 5.4. Interagency Coordinating Committee (ICC)
 - 5.5. Priority actions in 2015 to 2016
 - 5.6. Progress of transition plan for injection safety
- 6. Immunisation Services Support (ISS)
 - 6.1. Report on the use of ISS funds in 2014
 - 6.2. Detailed expenditure of ISS funds during the 2014 calendar year
 - 6.3. Request for ISS reward
- 7. New and Under-used Vaccines Support (NVS)
 - 7.1. Receipt of new & under-used vaccines for 2014 vaccine programme
 - 7.2. Introduction of a New Vaccine in 2014
 - 7.3. New Vaccine Introduction Grant lump sums 2014
 - 7.3.1. Financial Management Reporting
 - 7.3.2. Programmatic Reporting
 - 7.4. Report on country co-financing in 2014
 - 7.5. Vaccine Management (EVSM/VMA/EVM)
 - 7.6. Monitoring GAVI Support for Preventive Campaigns in 2014
 - 7.7. Change of vaccine presentation
 - 7.8. Renewal of multi-year vaccines support for those countries whose current support is ending in 2015
 - 7.9. Request for continued support for vaccines for 2016 vaccination programme
 - 7.10. Weighted average prices of supply and related freight cost
 - 7.11. Calculation of requirements
- 8. Health Systems Strengthening Support (HSS)
 - 8.1. Report on the use of HSS funds in 2014 and request of a new tranche

| 8.2. Progress on HSS activities in the 2014 fiscal year |
|--|
| 8.3. General overview of targets achieved |
| 8.4. Programme implementation in 2014 |
| 8.5. Planned HSS activities for 2015 |
| 8.6. Planned HSS activities for 2016 |
| 8.7. Revised indicators in case of reprogramming |
| 8.8. Other sources of funding for HSS |
| 8.9. Reporting on the HSS grant |
| 9. Strengthened Involvement of Civil Society Organisations (CSOs): Type A and Type B |
| 9.1. TYPE A: Support to strengthen coordination and representation of CSOs |
| 9.2. TYPE B: Support for CSOs to help implement the GAVI HSS proposal or cMYP |
| 10. Comments from ICC/HSCC Chairs |
| 11. Annexes |
| 11.1. Annex 1 – Terms of reference ISS |
| 11.2. Annex 2 – Example income & expenditure ISS |
| 11.3. Annex 3 – Terms of reference HSS |
| 11.4. Annex 4 – Example income & expenditure HSS |
| 11.5. Annex 5 – Terms of reference CSO |
| 11.6. Annex 6 – Example income & expenditure CSO |

12. Attachments

4. Baseline & annual targets

Countries are encouraged to aim for realistic and appropriate wastage rates informed by an analysis of their own wastage data. In the absence of country-specific data, countries may use indicative maximum wastage values as shown on the **Wastage Rate Table** available in the guidelines. Please note the benchmark wastage rate for 10ds pentavalent which is available.

Please also note that if the country applies the WHO multi-dose vial policy for IPV, the maximum indicative wastage rates are 5%, 15% and 20% for the 1-dose, 5-dose and 10-dose presentations respectively.

| Number | Achieveme JF | ents as per RF | as per Targets (preferred presentation) | | | | | | | |
|--|--|-------------------|--|--------------------|----------------------------------|--------------------|----------------------------------|--------------------|----------------------------------|--------------------|
| Number | 20 | 14 | 20 | 15 | 20 | 16 | 20 | 17 | 20 | 18 |
| | Original approved target according to Decision Letter | Reported | Original approved target according to Decision Letter | Current estimation | Previous estimates in 2014 | Current estimation | Previous estimates in 2014 | Current estimation | Previous estimates in 2014 | Current estimation |
| Total births | 1,076,775 | 1,126,886 | 1,106,272 | 1,106,272 | 1,136,186 | 1,136,186 | 1,166,497 | 1,166,497 | 1,197,258 | 1,197,258 |
| Total infants' deaths | 68,914 | 125,209 | 70,801 | 70,801 | 72,716 | 72,716 | 74,656 | 74,656 | 76,625 | 76,625 |
| Total surviving infants | 1007861 | 1,001,677 | 1,035,471 | 1,035,471 | 1,063,470 | 1,063,470 | 1,091,841 | 1,091,841 | 1,120,633 | 1,120,633 |
| Total pregnant women | 1,252,096 | 1,252,096 | 1,286,396 | 1,286,396 | 1,321,181 | 1,321,181 | 1,356,427 | 1,356,427 | 1,392,197 | 1,392,197 |
| Number of infants vaccinated (to be vaccinated) with BCG | 1,076,775 | 1,081,246 | 1,106,272 | 1,106,272 | 1,136,181 | 1,136,181 | 1,166,497 | 1,136,181 | 1,197,258 | 1,136,181 |
| BCG coverage[1] | 100 % | 96 % | 100 % | 100 % | 100 % | 100 % | 100 % | 97 % | 100 % | 95 % |
| Number of infants vaccinated (to be vaccinated) with OPV3 | 927,232 | 913,842 | 973,342 | 973,342 | 1,010,297 | 1,010,297 | 1,048,167 | 1,048,167 | 1,087,015 | 1,087,015 |
| OPV3 coverage[2] | 92 % | 91 % | 94 % | 94 % | 95 % | 95 % | 96 % | 96 % | 97 % | 97 % |
| Number of infants vaccinated (to be vaccinated) with DTP1[3] | 976,034 | 1,050,784 | 1,024,571 | 1,024,571 | 1,063,471 | 1,063,471 | 1,103,334 | 1,103,334 | 1,144,226 | 11,442,260 |
| Number of infants vaccinated (to be vaccinated) with DTP3[3][4] | 927,232 | 951,527 | 973,342 | 973,342 | 1,010,297 | 1,010,297 | 1,048,167 | 1,048,167 | 1,087,015 | 1,048,167 |
| DTP3 coverage[2] | 92 % | 95 % | 94 % | 94 % | 95 % | 95 % | 96 % | 96 % | 97 % | 94 % |
| Wastage[5] rate in base- year and planned thereafter (%) for DTP | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Wastage[5] factor in base- year and planned thereafter for DTP | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 |
| Number of infants vaccinated (to be vaccinated) with 1st dose of DTP-HepB-Hib | 966,462 | 1,050,784 | 1,024,571 | 1,024,571 | | 1,063,471 | | 1,103,334 | | 11,442,260 |
| Number of infants vaccinated (to be vaccinated) with 3rd dose of DTP-HepB-Hib | 918,139 | 951,527 | 973,342 | 973,342 | | 1,010,297 | | 1,048,167 | | 1,048,167 |
| DTP-HepB-Hib coverage[2] | 91 % | 95 % | 94 % | 94 % | 0 % | 95 % | 0 % | 96 % | 0 % | 94 % |
| Wastage[5] rate in base- year and planned thereafter (%) [6] | 10 | 9 | 10 | 10 | | 10 | | 10 | | 10 |
| Wastage[5] factor in base- year and planned thereafter (%) | 1.11 | 1.1 | 1.11 | 1.11 | 1 | 1.11 | 1 | 1.11 | 1 | 1.11 |
| Maximum wastage rate value for DTP-HepB-Hib, 10 dose(s) per vial, LIQUID | 0 % | 0 % | 0 % | 25 % | 0 % | 25 % | 0 % | 25 % | 0 % | 25 % |
| Number of infants vaccinated (to be vaccinated) with 1st dose of Pneumococcal (PCV10) | 966,462 | 1,013,433 | 1,024,571 | 1,024,571 | 1,063,471 | 1,063,471 | | 1,103,334 | | 11,442,260 |

| Number of infants | | | | | | | | | | |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| vaccinated (to be vaccinated) with 3rd dose of Pneumococcal (PCV10) | 918,139 | 910,588 | 973,342 | 973,342 | 1,010,297 | 1,010,297 | | 1,048,167 | | 1,048,167 |
| Pneumococcal (PCV10) coverage[2] | 91 % | 91 % | 94 % | 94 % | 95 % | 95 % | 0 % | 96 % | 0 % | 94 % |
| Wastage[5] rate in base- year and planned thereafter (%) | 5 | 5 | 5 | 5 | 5 | 5 | | 5 | | 5 |
| Wastage[5] factor in base- year and planned thereafter (%) | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1 | 1.05 | 1 | 1.05 |
| Maximum wastage rate value for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | 0 % | 10 % | 0 % | 10 % | 0 % | 10 % | 0 % | 10 % | 0 % | 10 % |
| Number of infants vaccinated (to be vaccinated) with 1st dose of Rotavirus | | 0 | 653,981 | 653,981 | 962,721 | 962,721 | 1,011,389 | 1,011,389 | 1,061,653 | 1,061,653 |
| Number of infants vaccinated (to be vaccinated) with 2nd dose of Rotavirus | | 0 | 621,282 | 621,282 | 914,585 | 914,585 | 960,820 | 960,820 | 1,008,570 | 1,008,570 |
| Rotavirus coverage[2] | 0 % | 0 % | 60 % | 60 % | 86 % | 86 % | 88 % | 88 % | 90 % | 90 % |
| Wastage[5] rate in base- year and planned thereafter (%) | | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Wastage[5] factor in base- year and planned thereafter (%) | 1 | 1 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 |
| Maximum wastage rate value for Rotavirus, 2-dose schedule | 0 % | 5 % | 0 % | 5 % | 0 % | 5 % | 0 % | 5 % | 0 % | 5 % |
| Number of infants vaccinated (to be vaccinated) with 1st dose of Measles | | 892,476 | 0 | 882,982 | | 917,154 | | 952,211 | | 999,040 |
| Number of infants vaccinated (to be vaccinated) with 2nd dose of Measles | | 0 | | 882,982 | | 917,154 | | 952,211 | | 999,040 |
| Measles coverage[2] | 0 % | 0 % | 0 % | 85 % | 0 % | 86 % | 0 % | 87 % | 0 % | 89 % |
| Wastage[5] rate in base- year and planned thereafter (%) | | 0 | 40 | 10 | | 10 | | 10 | | 10 |
| Wastage[5] factor in base- year and planned thereafter (%) | 1 | 1 | 1.67 | 1.11 | 1 | 1.11 | 1 | 1.11 | 1 | 1.11 |
| Maximum wastage rate value for Measles second dose, 10 dose(s) per vial, LYOPHILISED | 0.00 % | 40.00 % | 0.00 % | 40.00 % | 0.00 % | 40.00 % | 0.00 % | 40.00 % | 0.00 % | 40.00 % |
| Pregnant women vaccinated with TT+ | 951,593 | 976,775 | 1,003,389 | 1,003,389 | 1,056,945 | 1,056,945 | 1,112,270 | 1,112,270 | 1,169,445 | 1,169,445 |
| TT+ coverage[7] | 76 % | 78 % | 78 % | 78 % | 80 % | 80 % | 82 % | 82 % | 84 % | 84 % |
| Vit A supplement to mothers within 6 weeks from delivery | 699,904 | 2,774,975 | 752,265 | 752,265 | 795,331 | 795,331 | 839,878 | 839,878 | 897,944 | 897,944 |
| Vit A supplement to infants after 6 months | 2,255,706 | 2,774,975 | 2,416,828 | 2,416,828 | 2,618,231 | 2,618,231 | 2,819,633 | 2,819,633 | 3,021,035 | 3,021,035 |
| Annual DTP Drop out rate [(DTP1 – DTP3) / DTP1] x 100 | 5 % | 9 % | 5 % | 5 % | 5 % | 5 % | 5 % | 5 % | 5 % | 91 % |

^[1] Number of infants vaccinated out of total births

^[2] Number of infants vaccinated out of total surviving infants

- [3] Indicate total number of children vaccinated with either DTP alone or combined
- [4] Please make sure that the DTP3 cells are correctly populated
- [5] The formula to calculate a vaccine wastage rate (in percentage): $[(A B)/A] \times 100$. Whereby: A = the number of doses distributed for use according to the supply records with correction for stock balance at the end of the supply period; B = the number of vaccinations with the same vaccine in the same period.
- [6] GAVI would also appreciate feedback from countries on feasibility and interest of selecting and being shipped multiple Pentavalent vaccine presentations (1 dose and 10 dose vials) so as to optimise wastage, coverage and cost.
- [7] Number of pregnant women vaccinated with TT+ out of total pregnant women

5. General Programme Management Component

5.1. Updated baseline and annual targets

Note: Fill in the table in section 4 Baseline and Annual Targets before you continue

The numbers for 2014 must be consistent with those that the country reported in the **WHO/UNICEF Joint Reporting Form (JRF) for 2014.** The numbers for 2015 - 2016 in <u>Table 4 Baseline and Annual Targets</u> should be consistent with those that the country provided to GAVI in previous APR or in new application for GAVI support or in cMYP.

In fields below, please provide justification and reasons for those numbers that in this APR are different from the referenced ones:

Justification for any changes in births

No changes have been made in births in this 2014 APR as compared to previous 2013 APR. Figures have also been harmonized with those in the 2014 JRF

Justification for any changes in surviving infants

No changes of more than 10% have been made to any of targets. In line with this, if all coverage targets were projected using the best estimates as baseline, all antigens would be 10% or more different from the ones in the previous, whose targets were basedon administrative coverage as baseline, which is very high (above 90% asopposed to DHS and WHO/UNICEF estimates with coverage of around 76% for allantigens, except for BCG which is at 87%).

Justification for any changes in targets by vaccine. Please note that targets in excess of 10% of previous years' achievements will need to be justified. For IPV, supporting documentation must also be provided as an attachment(s) to the APR to justify ANY changes in target population.

No changes of more than 10% Have Been made to any of targets. not only but also the country had not yet entered the BTI in the program.

Justification for any changes in wastage by vaccine
 Not applicable

5.2. Monitoring the Implementation of GAVI Gender Policy

5.2.1. At any point in the past five years, were sex-disaggregated data on DTP3 coverage available in your country from administrative data sources and/or surveys? **yes**, **available** If yes, please report the latest data available and the year that it is from.

| Data Source | Reference Year for Estimate | DTP3 Covera | age Estimate |
|-------------|-----------------------------|-------------|--------------|
| | | Boys | Girls |
| DHS | 2011 | 76.2 | 76.1 |

5.2.2. How have any discrepancies in reaching boys versus girls been addressed programmatically?

There are no discrepancies in immunization coverage between boys and girls

As demonstrated in the table above, survey done in which health interventions were assessed have shown no significant difference in access to immunization services for boys and girls.

However, because we are aware that gender aspects must be addressed, the EPI program has been working with already known CSO and NGO's that work for equal opportunities between boys and girls in access to health, education and job, such as the Foundation for Community Development (FDC), Geração BIZZ, amongst others, todevelop appropriate communication strategies and messages to achieve this objective.

The implementation of strategy RED/REC in areas with high numbers of unimmunized children will also help to address the inequity issues in immunization.

- 5.2.3. If no sex-disaggregated data are available at the moment, do you plan in the future to collect sex-disaggregated coverage estimates? **Not selected**
- 5.2.4. How have any gender-related barriers to accessing and delivering immunisation services (eg, mothers not being empowered to access services, the sex of service providers, etc) been addressed programmatically? (For more information on gender-related barriers, please see GAVI's factsheet on gender and immunisation, which can be found on http://www.gavialliance.org/about/mission/gender/)

There are no gender-related barriers to accessing and delivering immunization services in Mozambique

5.3. Overall Expenditures and Financing for Immunisation

The purpose of **Table 5.3a** is to guide GAVI understanding of the broad trends in immunisation programme expenditures and financial flows. Please fill the table using US\$.

| Exchange rate used | 1 US\$ = 37 | Enter the rate only; Please do not enter local currency name |
|--------------------|-------------|--|
|--------------------|-------------|--|

Table 5.3a: Overall Expenditure and Financing for Immunisation from all sources (Government and donors) in US\$

| Expenditure by category | Expenditure Year 2014 | Source of funding | | | | | | |
|---|--------------------------|-------------------|-----------|---------|-----|------------------|-----|-----|
| | | Country | GAVI | UNICEF | WHO | Village Reach | N/A | N/A |
| Traditional Vaccines* | 2,257,023 | 2,257,023 | 0 | 0 | 0 | 0 | 0 | 0 |
| New and underused Vaccines** | 2,665,512 | 731,970 | 1,863,155 | 70,387 | 0 | 0 | 0 | 0 |
| Injection supplies (both AD syringes and syringes other than ADs) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cold Chain equipment | 630,534 | 0 | 0 | 630,534 | 0 | 0 | 0 | 0 |
| Personnel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other routine recurrent costs | 531,147 | 0 | 307,826 | 223,321 | 0 | 0 | 0 | 0 |
| Other Capital Costs | 1,311,727 | 1,274,251 | 0 | 33,484 | 0 | 3,992 | 0 | 0 |
| Campaigns costs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| N/A | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Expenditures for Immunisation | 7,395,943 | | | | | | | |
| Total Government Health | | 4,263,244 | 2,170,981 | 957,726 | 0 | 3,992 | 0 | 0 |

Traditional vaccines: BCG, DTP, OPV, Measles 1st dose (or the combined MR, MMR), TT. Some countries will also include HepB and Hib vaccines in this row, if these vaccines were introduced without GAVI support

5.4. Interagency Coordinating Committee (ICC)

How many times did the ICC meet in 2014? 2

Please attach the minutes (**Document nº 4**) from the ICC meeting in 2015 endorsing this report.

List the key concerns or recommendations, if any, made by the ICC on sections <u>5.1 Updated baseline and annual targets</u> to <u>5.3 Overall Expenditures and Financing for Immunisation</u>

Key Concerns

- # Monitoring of HSS.
- # Monitoring of HPV.
- # Presentation and endorsement of the IPV proposal and of the Multi annual EPI Plan
- # Endorsement of the updated terms of reference of the ICC
- # AOB

Main Recommendations

- # Liaise with GAVI to confirm acceptance of details of CUT account and revise the status for first disbursement,
- # Social mobilization is to be initiated well in advance to the vaccinations and must be comprehensively engage the people of influence. EPI has to consider to implement an in-depth assessment of the reasons for reluctance in the district. The recommendation for switching to a 2 dose schedule will be taken for discussion/recommendation in the NITAG.
- # The ICC supports and endorses the plan to introduce the IPV vaccine. Cost savings from multiple vaccine introductions must be used to strengthen routine immunization. The TWG must present a detailed proporsal how saved funds will be used. The ICC recommends that an investment case of EPI needs to be developed. # The ICC members will revise the ToR, revert with recommendatios and sign off in endorsement.
- # Consider using the savings provided by multiplevaccine introdution to cover the construction of vaccine stores at provincial level, in replacement of GAVI-HSS funds, in which this had been planned.

Key Concerns

- # Presentation and endorsement of the 2013 APR to GAVI
- # Presentation and endorsement of the Year 1 HSS AWP
- # Presentation and endorsement of the Year 1 HSSProcurement Plan

Main Recommendations

- # Final version of APR will besubmitted to GAVI within the window for submission. Signatures ofendorsement will be submitted early after, when signature from MoF has beencollected.
- # ICC should endorses HSS in year 1 AWP

Are any Civil Society Organisations members of the ICC? **Yes If Yes,** which ones?

| List CSO member organisations: | |
|--|--|
| Foundation for Community Development (FDC) | |
| Village Reach | |

5.5. Priority actions in 2015 to 2016

What are the country's main objectives and priority actions for its EPI programme for 2015 to 2016

2015 Program Objectives:

1. To achieve equitable access to routine immunization services through sustained investment in service

delivery throughout the health systems and at the community level.

- 2. To increase the availability and efficiency of immunization service through the improvement of the immunization supply and logistics system
- 3. To sustain quality HR motivation and accountability of the health workforce along the whole immunization chain
- 4. To strengthen the health information systems and EPI data management for decision making
- 5. To promote an enabling environment and political priority for immunization service through effective advocacy, communication and social mobilization

5.6. Progress of transition plan for injection safety

For all countries, please report on progress of transition plan for injection safety

Please report what types of syringes are used and the funding sources of Injection Safety material in 2014

| Vaccine | Types of syringe used in 2014 routine EPI | Funding sources of 2014 |
|------------------------|---|-------------------------|
| BCG | AD syringes | Government |
| Measles | AD syringes | Government |
| ТТ | AD syringes | Government |
| DTP-containing vaccine | AD syringes | Government |
| IPV | AD syringes | GAVI |

Does the country have an injection safety policy/plan? Yes

If Yes: Have you encountered any obstacles during the implementation of this injection safety policy/plan?

If No: When will the country develop the injection safety policy/plan? (Please report in box below)

No obstacles encountered during the implementation of the injection safety policy of the country

Please explain in 2014 how sharps waste is being disposed of, problems encountered, etc.

Disposal of injection wastes disposed mostly through burning and burial in remote health facilities and through incinerators in bigger health centres and in hospitals

6. Immunisation Services Support (ISS)

6.1. Report on the use of ISS funds in 2014

Mozambique is not reporting on Immunisation Services Support (ISS) fund utilisation in 2014

6.2. Detailed expenditure of ISS funds during the 2014 calendar year

Mozambique is not reporting on Immunisation Services Support (ISS) fund utilisation in 2014

6.3. Request for ISS reward

Request for ISS reward achievement in Mozambique is not applicable for 2014

7. New and Under-used Vaccines Support (NVS)

7.1. Receipt of new & under-used vaccines for 2014 vaccine programme

7.1.1. Did you receive the approved amount of vaccine doses for 2014 Immunisation Programme that GAVI communicated to you in its Decision Letter (DL)? Fill-in table below

Table 7.1: Vaccines received for 2014 vaccinations against approvals for 2014

Please also include any deliveries from the provious year received against this Deci

Please also include any deliveries from the previous year received against this Decision Letter

| | [A] | [B] | [C] | |
|----------------------|-----------|---|---|---|
| Vaccine type | | Total doses received by 31 December 2014 | Total doses postponed from previous years and received in 2014 | Did the country experience any stockouts at any level in 2014? |
| Pneumococcal (PCV10) | 3,076,000 | 3,076,000 | 0 | No |
| DTP-HepB-Hib | | 0 | 0 | No |
| Measles second dose | 0 | 0 | 0 | No |
| Rotavirus | 0 | 0 | 0 | No |

If values in [A] and [B] are different, specify:

 What are the main problems encountered? (Lower vaccine utilisation than anticipated due to delayed new vaccine introduction or lower coverage? Delay in shipments? Stock-outs? Excessive stocks? Problems with cold chain? Doses discarded because VVM changed colour or because of the expiry date? ...)

No problems were encountered with regards to both Pentavalent PCV10 vaccines

 What actions have you taken to improve the vaccine management, e.g. such as adjusting the plan for vaccine shipments? (in the country and with UNICEF Supply Division)

GAVI would also appreciate feedback from countries on feasibility and interest of selecting and being shipped multiple Pentavalent vaccine presentations (1 dose and 10 dose vials) so as to optimise wastage, coverage and cost.

GAVI would also appreciate feedback from countries on feasibility and interest of selecting and being shipped multiple Pentavalent vaccine presentations (1 dose and 10 dose vials) so as to optimise wastage, coverage and cost.

If **Yes** for any vaccine in **Table 7.1**, please describe the duration, reason and impact of stock-out, including if the stock-out was at the central, regional, district or at lower facility level.

7.2. Introduction of a New Vaccine in 2014

7.2.1. If you have been approved by GAVI to introduce a new vaccine in 2014, please refer to the vaccine introduction plan in the proposal approved and report on achievements:

| | DTP-HepB-Hib, 10 dose(s) per vial, LIQUID | | | | |
|--|---|---|--|--|--|
| Nationwide introduction | No | 01/01/2009 | | | |
| Phased introduction | No | | | | |
| The time and scale of introduction was as planned in the proposal? If No, Why? | No | The country introduced the DTP-HepB-Hib, 10 dose (s) per vial, LIQUID in 2009 | | | |

When is the Post Introduction Evaluation (PIE) planned? April 2012

| | Measles second dose, 10 dose(s) per vial, LYOPHILISED | | | |
|--|---|---------------------------------|--|--|
| Nationwide introduction | No | | | |
| Phased introduction | No | | | |
| The time and scale of introduction was as planned in the proposal? If No, Why? | | Country is yet to introduce MSD | | |

When is the Post Introduction Evaluation (PIE) planned? April 2016

| Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | | | | |
|--|----|---|--|--|
| Nationwide introduction | No | 10/04/2013 | | |
| Phased introduction | No | | | |
| The time and scale of introduction was as planned in the proposal? If No, Why? | No | The country introduced the PCV 10, 2 dose(s) per vial, LIQUID in 2013 | | |

When is the Post Introduction Evaluation (PIE) planned? April 2013

| | Rotavirus, 1 dose(s) per vial, ORAL | | |
|--|-------------------------------------|--------------------------------|--|
| Nationwide introduction | No | | |
| Phased introduction | No | | |
| The time and scale of introduction was as planned in the proposal? If No, Why? | | Country is yet to introduce RV | |

When is the Post Introduction Evaluation (PIE) planned? April 2016

7.2.2. If your country conducted a PIE in the past two years, please attach relevant reports and provide a summary on the status of implementation of the recommendations following the PIE. (Document N° 9)

Is there a national dedicated vaccine pharmacovigilance capacity? Yes

Is there a national AEFI expert review committee? Yes

Does the country have an institutional development plan for vaccine safety? Yes

Is the country sharing its vaccine safety data with other countries? No

Does your country have a risk communication strategy with preparedness plans to address vaccine crises?

7.2.4. Surveillance

Does your country conduct sentinel surveillance for:

- a. rotavirus diarrhea? Yes
- b. pediatric bacterial meningitis or pneumococcal or meningococcal disease? Yes

Does your country conduct special studies around:

- a. rotavirus diarrhea? No
- b. pediatric bacterial meningitis or pneumococcal or meningococcal disease? No

If so, does the National Immunization Technical Advisory Group (NITAG) or the Inter-Agency Coordinating Committee (ICC) regularly review the sentinel surveillance and special studies data to provide recommendations on the data generated and how to further improve data quality? **No**

Do you plan to use these sentinel surveillance and/or special studies data to monitor and evaluate the impact of vaccine introduction and use? **No**

Please describe the results of surveillance/special studies and inputs of the NITAG/ICC:

7.3. New Vaccine Introduction Grant lump sums 2014

7.3.1. Financial Management Reporting

| | Amount US\$ | Amount local currency |
|--|-------------|-----------------------|
| Funds received during 2014 (A) | 0 | 0 |
| Remaining funds (carry over) from 2013 (B) | 0 | 0 |
| Total funds available in 2014 (C=A+B) | 0 | 0 |
| Total Expenditures in 2014 (D) | 0 | 0 |
| Balance carried over to 2015 (E=C-D) | 0 | 0 |

Detailed expenditure of New Vaccines Introduction Grant funds during the 2014 calendar year

Please attach a detailed financial statement for the use of New Vaccines Introduction Grant funds in the 2014 calendar year (Document No 10,11). Terms of reference for this financial statement are available in **Annexe** 1 Financial statements should be signed by the Finance Manager of the EPI Program and and the EPI Manager, or by the Permanent Secretary of Ministry of Health

7.3.2. Programmatic Reporting

Please report on major activities that have been undertaken in relation to the introduction of a new vaccine, using the GAVI New Vaccine Introduction Grant

The country made no introduction of new vaccines however made the demonstration of vaccination with the HPV vaccine, which for this was necessary:

- Printing of data collection tools
- Printing and distribution of communication materials and dissemination of spots
- Training of health workers on vaccine (HPV) demonstration
- Vaccine delivery to provinces, districts and health facilities

- Launching of vaccine

Supportive supervisory visits in the preparatory, introduction and post introduction phases at various levels

Please describe any problem encountered and solutions in the implementation of the planned activities In principo there were difficulties to find girls with the following doses, but this was overcome by making an active search.

Please describe the activities that will be undertaken with any remaining balance of funds for 2015 onwards N/A

7.4. Report on country co-financing in 2014

Table 7.4: Five questions on country co-financing

| | Q.1: What were the actual co-financed amounts and doses in 2014? | | |
|---|--|-----------------------|--|
| Co-Financed Payments | Total Amount in US\$ | Total Amount in Doses | |
| Awarded Vaccine #1: DTP-HepB- Hib, 10 dose(s) per vial, LIQUID | | | |
| Awarded Vaccine #2: Measles second dose, 10 dose(s) per vial, LYOPHILISED | | | |
| Awarded Vaccine #3: Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | | | |
| Awarded Vaccine #4: Rotavirus, 1 dose(s) per vial, ORAL | | | |
| | Q.2: Which were the amounts of fundir reporting year 2014 from the following | | |
| Government | | | |
| Donor | | | |
| Other | | | |
| | | | |
| | Q.3: Did you procure related injections vaccines? What were the amounts in L | | |
| Co-Financed Payments | Total Amount in US\$ | Total Amount in Doses | |
| Awarded Vaccine #1: DTP-HepB- Hib, 10 dose(s) per vial, LIQUID | | | |
| Awarded Vaccine #2: Measles second dose, 10 dose(s) per vial, LYOPHILISED | | | |
| Awarded Vaccine #3: Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | | | |
| Awarded Vaccine #4: Rotavirus, 1 dose(s) per vial, ORAL | | | |
| | | | |
| | Q.4: When do you intend to transfer funds for co-financing in 2016 and what is the expected source of this funding | | |
| Schedule of Co-Financing Payments | Proposed Payment Date for 2016 | Source of funding | |
| Awarded Vaccine #1: DTP-HepB- Hib, 10 dose(s) per vial, LIQUID | July | | |
| Awarded Vaccine #2: Measles second dose, 10 dose(s) per vial, LYOPHILISED | July | | |

| Awarded Vaccine #3: Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | July | |
|--|--|--|
| Awarded Vaccine #4: Rotavirus, 1 dose(s) per vial, ORAL | July | |
| | | |
| | Q.5: Please state any Technical Assist sustainability strategies, mobilising fu co-financing | |
| | | |

*Note: co-financing is not mandatory for IPV

Is support from GAVI, in form of new and under-used vaccines and injection supplies, reported in the national health sector budget? **Not selected**

7.5. Vaccine Management (EVSM/VMA/EVM)

Please note that Effective Vaccine Store Management (EVSM) and Vaccine Management Assessment(VMA) tools have been replaced by an integrated Effective Vaccine Management (EVM) tool. The information on EVM tool can be found at

http://www.who.int/immunization/programmes systems/supply chain/evm/en/index3.html

It is mandatory for the countries to conduct an EVM prior to an application for introduction of a new vaccine. This assessment concludes with an Improvement Plan including activities and timelines whose progress report is reported with annual report. The EVM assessment is valid for a period of three years.

When was the latest Effective Vaccine Management (EVM) or an alternative assessment (EVSM/VMA) carried out? June 2012

Please attach:

- (a) EVM assessment (Document No 12)
- (b) Improvement plan after EVM (Document No 13)
- (c) Progress report on the activities implemented during the year and status of implementation of recommendations from the Improvement Plan (Document No 14)

Progress report on EVM/VMA/EVSM Improvement Plan' is a mandatory requirement

Are there any changes in the Improvement plan, with reasons? No If yes, provide details

When is the next Effective Vaccine Management (EVM) assessment planned? July 2015

7.6. Monitoring GAVI Support for Preventive Campaigns in 2014

Mozambique does not report on NVS Preventive campaign

7.7. Change of vaccine presentation

Mozambique does not require to change any of the vaccine presentation(s) for future years.

7.8. Renewal of multi-year vaccines support for those countries whose current support is ending in 2015

If 2015 is the last year of approved multiyear support for a certain vaccine and the country wishes to extend GAVI support, the country should request for an extension of the co-financing agreement with GAVI for vaccine support starting from 2016 and for the duration of a new Comprehensive Multi-Year Plan (cMYP).

The country hereby requests an extension of GAVI support for the years 2016 to 2018 for the following vaccines:

- * DTP-HepB-Hib, 10 dose(s) per vial, LIQUID
- * Measles second dose, 10 dose(s) per vial, LYOPHILISED
- * Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID
- * Rotavirus, 2-dose schedule

At the same time it commits itself to co-finance the procurement of the following vaccines in accordance with the minimum Gavi co-financing levels as summarised in section 7.11 Calculation of requirements.

- * DTP-HepB-Hib, 10 dose(s) per vial, LIQUID
- * Measles second dose, 10 dose(s) per vial, LYOPHILISED
- * Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID
- * Rotavirus, 2-dose schedule

The multi-year support extension is in line with the new cMYP for the years 2016 to 2018, which is attached to this APR (Document N°16). The new costing tool is also attached (Document N°17) for the following vaccines:

- * DTP-HepB-Hib, 10 dose(s) per vial, LIQUID
- * Measles second dose, 10 dose(s) per vial, LYOPHILISED
- * Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID
- * Rotavirus, 2-dose schedule

The country ICC has endorsed this request for extended support of the following vaccines at the ICC meeting whose minutes are attached to this APR. (Document N°18)

- * DTP-HepB-Hib, 10 dose(s) per vial, LIQUID
- * Measles second dose, 10 dose(s) per vial, LYOPHILISED
- * Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID
- * Rotavirus, 2-dose schedule

7.9. Request for continued support for vaccines for 2016 vaccination programme

In order to request NVS support for 2016 vaccination do the following

Confirm here below that your request for 2016 vaccines support is as per <u>7.11 Calculation of requirements</u> **Yes**

If you don't confirm, please explain

7.10. Weighted average prices of supply and related freight cost

Table 7.10.1: Commodities Cost

Estimated prices of supply are not disclosed

Table 7.10.2: Freight Cost

| Vaccine Antigen | Vaccine Type | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|--|------|---------|---------|---------|---------|---------|
| DTP-HepB-Hib, 10 dose(s) per vial, LIQUID | DTP-HepB-Hib, 10 dose(s) per vial, LIQUID | | 3.40 % | 4.30 % | 3.60 % | 4.40 % | 4.40 % |
| Measles second dose, 10 dose(s) per vial, LYOPHILISED | Measles second dose, 10 dose(s) per vial, LYOPHILISED | | 13.80 % | 13.00 % | 12.60 % | 12.30 % | 12.00 % |
| Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID | | 4.40 % | 4.50 % | 4.40 % | 4.50 % | 4.60 % |
| Rotavirus, 2-dose schedule | Rotavirus, 2- dose schedule | | 3.90 % | 4.20 % | 4.40 % | 4.40 % | 4.40 % |

7.11. Calculation of requirements

Table 7.11.1: Specifications for DTP-HepB-Hib, 10 dose(s) per vial, LIQUID

| ID | | Source | | 2014 | 2015 | 2016 | 2017 | 2018 | TOTAL |
|----|---|-----------|----|-----------|-----------|-----------|-----------|------------|------------|
| | Number of surviving infants | Parameter | # | 1,007,861 | 1,035,471 | 1,063,470 | 1,091,841 | 1,120,633 | 5,319,276 |
| | Number of children to be vaccinated with the first dose | Parameter | # | 966,462 | 1,024,571 | 1,063,471 | 1,103,334 | 11,442,260 | 15,600,098 |
| | Number of children to be vaccinated with the third dose | Parameter | # | 918,139 | 973,342 | 1,010,297 | 1,048,167 | 1,048,167 | 4,998,112 |
| | Immunisation coverage with the third dose | Parameter | % | 91.10 % | 94.00 % | 95.00 % | 96.00 % | 93.53 % | |
| | Number of doses per child | Parameter | # | 3 | 3 | 3 | 3 | 3 | |
| | Estimated vaccine wastage factor | Parameter | # | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | |
| | Stock in Central Store Dec 31, 2014 | | # | 2,007,360 | | | | | |
| | Stock across second level Dec 31, 2014 (if available)* | | # | | | | | | |
| | Stock across third level Dec 31, 2014 (if available)* | Parameter | # | | | | | | |
| | Number of doses per vial | Parameter | # | | 10 | 10 | 10 | 10 | |
| | AD syringes required | Parameter | # | | Yes | Yes | Yes | Yes | |
| | Reconstitution syringes required | Parameter | # | | No | No | No | No | |
| | Safety boxes required | Parameter | # | | Yes | Yes | Yes | Yes | |
| СС | Country co-financing per dose | Parameter | \$ | | 0.00 | 0.20 | 0.20 | 0.20 | |
| ca | AD syringe price per unit | Parameter | \$ | | 0.0448 | 0.0448 | 0.0448 | 0.0448 | |
| cr | Reconstitution syringe price per unit | Parameter | \$ | | 0 | 0 | 0 | 0 | |
| cs | Safety box price per unit | Parameter | \$ | | 0.0054 | 0.0054 | 0.0054 | 0.0054 | |
| fv | Freight cost as % of vaccines value | Parameter | % | _ | 4.30 % | 3.60 % | 4.40 % | 4.40 % | _ |

* Please describe the method used for stock count in the text box below. We assume the closing stock (Dec 31, 2014) is the same as the opening stock (Jan 1, {1}). If there is a difference, please provide details in the text box below.

The method used for the stock count is the physical count and in that there was no difference between the stock of 31 December 2014 and 01 January 2015.

For pentavalent vaccines, GAVI applies a benchmark of 4.5 months of buffer + operational stocks. Countries should state their buffer + operational stock requirements when different from the benchmark up to a maximum of 6 months. For support on how to calculate the buffer and operational stock levels, please contact WHO or UNICEF. By default, a buffer + operational stock of 4.5 months is pre-selected.

Not defined

Co-financing tables for DTP-HepB-Hib, 10 dose(s) per vial, LIQUID

| Co-financing group | Low |
|--------------------|-----|
|--------------------|-----|

| | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------------------------|------|------|------|------|------|
| Minimum co-financing | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Recommended co-financing as per | | | 0.20 | 0.20 | 0.20 |
| Your co-financing | | | 0.20 | 0.20 | 0.20 |

Table 7.11.2: Estimated GAVI support and country co-financing (GAVI support)

| | | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------------------------------|----|------|------|-----------|-----------|------------|
| Number of vaccine doses | # | | | 3,082,100 | 4,295,400 | 26,139,900 |
| Number of AD syringes | # | | | 3,421,100 | 5,035,400 | 30,645,200 |
| Number of re-constitution syringes | # | | | 0 | 0 | 0 |
| Number of safety boxes | # | | | 38,000 | 54,275 | 330,275 |
| Total value to be co-financed by GAVI | \$ | | | 5,875,000 | 6,838,000 | 41,613,500 |

Table 7.11.3: Estimated GAVI support and country co-financing (**Country support**)

| | | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|----|------|------|---------|-----------|-----------|
| Number of vaccine doses | # | | | 371,000 | 638,200 | 3,883,700 |
| Number of AD syringes | # | | | 0 | 0 | 0 |
| Number of re-constitution syringes | # | | | 0 | 0 | 0 |
| Number of safety boxes | # | | | 0 | 0 | 0 |
| Total value to be co-financed by the Country [1] | \$ | | | 707,500 | 1,016,000 | 6,183,000 |

Table 7.11.4: Calculation of requirements for DTP-HepB-Hib, 10 dose(s) per vial, LIQUID (part 1)

| | | Formula | 2014 | | 2015 | |
|----|---|--|-----------|-----------|------------|------|
| | | | | Total | Government | GAVI |
| Α | Country co-finance | V | | | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 966,462 | 1,024,571 | | |
| В1 | Number of children to be vaccinated with the third dose | Table 4 | 918,139 | 1,024,571 | | |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | 3 | | |
| D | Number of doses needed | B + B1 + Target for the 2nd dose ((B -0.41 x (B - B1)) | 2,831,251 | 3,001,481 | | |

| Е | Estimated vaccine wastage factor | Table 4 | 1.11 | 1.11 | |
|----|---|--|-----------|-----------|--|
| F | Number of doses needed including wastage | DxE | | 3,331,643 | |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.375 Buffer on doses wasted = • if(wastage factor of previous year current estimation < wastage factor of previous year original approved): ((F - D) - ((F - D) of previous year current estimation)) x 0.375 • else: (F - D - ((F - D) of previous year original approved)) x 0.375 >= 0 | | | |
| Н | Stock to be deducted | H1 - (F (2015) current estimation x 0.375) | | | |
| H1 | Calculated opening stock | H2 (2015) + H3 (2015) - F (2015) | | | |
| H2 | Reported stock on January 1st | Table 7.11.1 | 1,975,130 | 2,007,360 | |
| Н3 | Shipment plan | Approved volume | | 2,626,500 | |
| I | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | | 0 | |
| J | Number of doses per vial | Vaccine Parameter | | | |
| κ | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | | | |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | | | |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | | | |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | | | |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | | | |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | | | |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | | | |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | | | |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | | | |
| Т | Total fund needed | (N+O+P+Q+R+S) | | | |
| U | Total country co-financing | I x country co-financing per dose (cc) | | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | | | |

Table 7.11.4: Calculation of requirements for DTP-HepB-Hib, 10 dose(s) per vial, LIQUID (part 2)

| | | Formula | | 2014 | | |
|----|---|--|-----------|------------|-----------|--|
| | | | Total | Government | GAVI | |
| Α | Country co-finance | V | | | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 1,063,471 | 114,248 | 949,223 | |
| В1 | Number of children to be vaccinated with the third dose | Table 4 | 1,010,297 | 108,536 | 901,761 | |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | | | |
| D | Number of doses needed | B + B1 + Target for the 2nd dose ((B -0.41 x (B - B1)) | 3,115,438 | 334,689 | 2,780,749 | |
| E | Estimated vaccine wastage factor | Table 4 | 1.11 | | | |

| F | Number of doses needed including wastage | DXE | 3,458,136 | 371,505 | 3,086,631 |
|----|---|---|-----------|---------|-----------|
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.375 Buffer on doses wasted = if(wastage factor of previous year current estimation < wastage factor of previous year original approved): ((F - D) - ((F - D) of previous year original approved - (F - D) of previous year current estimation)) x 0.375 else: (F - D - ((F - D) of previous year original approved)) x 0.375 >= 0 | 47,435 | 5,096 | 42,339 |
| н | Stock to be deducted | H1 - (F (2015) current estimation x 0.375) | 52,852 | 5,678 | 47,174 |
| H1 | Calculated opening stock | H2 (2015) + H3 (2015) - F (2015) | 1,302,218 | 139,897 | 1,162,321 |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| Н3 | Shipment plan | Approved volume | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 3,453,000 | 370,953 | 3,082,047 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| к | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 3,421,024 | 0 | 3,421,024 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 0 | 0 | 0 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 37,983 | 0 | 37,983 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 6,205,041 | 666,603 | 5,538,438 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 153,262 | 0 | 153,262 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 0 | 0 | 0 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 207 | 0 | 207 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 223,382 | 23,998 | 199,384 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 6,581,892 | 707,088 | 5,874,804 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 690,600 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | 10.74 % | | |

Table 7.11.4: Calculation of requirements for DTP-HepB-Hib, 10 dose(s) per vial, LIQUID (part 3)

| | | Formula | | 2017 | |
|----|---|---|-----------|------------|-----------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | V | 12.94 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 1,103,334 | 142,719 | 960,615 |
| В1 | Number of children to be vaccinated with the third dose | Table 4 | 1,048,167 | 135,583 | 912,584 |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | | |
| D | Number of doses needed | B + B1 + Target for the 2nd dose ((B -0.41 x (B - B1)) | 3,232,217 | 418,095 | 2,814,122 |
| Е | Estimated vaccine wastage factor | Table 4 | 1.11 | | |
| F | Number of doses needed including wastage | DXE | 3,587,761 | 464,086 | 3,123,675 |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.375 Buffer on doses wasted = • if(wastage factor of previous year current) | 1,345,411 | 174,033 | 1,171,378 |

| | | estimation < wastage factor of previous year original approved): ((F - D) - ((F - D) of previous year original approved - (F - D) of previous year current estimation)) x 0.375 else: (F - D - ((F - D) of previous year original approved)) x 0.375 >= 0 | | | |
|----|---|--|-----------|-----------|-----------|
| Н | Stock to be deducted | H1 - (F (2015) current estimation x 0.375) | | | |
| H1 | Calculated opening stock | H2 (2015) + H3 (2015) - F (2015) | | | |
| H2 | Reported stock on January 1st | Table 7.11.1 | | | |
| Н3 | Shipment plan | Approved volume | | | |
| I | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 4,933,500 | 638,160 | 4,295,340 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| ĸ | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 5,035,391 | 0 | 5,035,391 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 0 | 0 | 0 |
| M | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 54,269 | 0 | 54,269 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 7,306,514 | 945,115 | 6,361,399 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 225,586 | 0 | 225,586 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 0 | 0 | 0 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 296 | 0 | 296 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 321,487 | 41,586 | 279,901 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 7,853,883 | 1,015,919 | 6,837,964 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 986,700 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 12.94 % | | |

Table 7.11.4: Calculation of requirements for DTP-HepB-Hib, 10 dose(s) per vial, LIQUID (part 4)

| Ė | Formula 2018 | | | | | | | | | |
|----|---|---|------------|------------|------------|--|--|--|--|--|
| | | Formula | | | | | | | | |
| | | | Total | Government | GAVI | | | | | |
| Α | Country co-finance | V | 12.94 % | | | | | | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 11,442,260 | 1,480,084 | 9,962,176 | | | | | |
| В1 | Number of children to be vaccinated with the third dose | Table 4 | 1,048,167 | 135,583 | 912,584 | | | | | |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | | | | | | | |
| D | Number of doses needed | B + B1 + Target for the 2nd dose ((B -0.41 x (B - B1)) | 19,671,109 | 2,544,505 | 17,126,604 | | | | | |
| Е | Estimated vaccine wastage factor | Table 4 | 1.11 | | | | | | | |
| F | Number of doses needed including wastage | DXE | 21,834,931 | 2,824,401 | 19,010,530 | | | | | |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.375 Buffer on doses wasted = if(wastage factor of previous year current estimation < wastage factor of previous year original approved): ((F - D) - ((F - D) of previous year original approved - (F - D) of previous year current estimation)) x 0.375 else: (F - D - ((F - D) of previous year original approved)) x 0.375 >= 0 | 8,188,100 | 1,059,151 | 7,128,949 | | | | | |
| Н | Stock to be deducted | H1 - (F (2015) current estimation x 0.375) | | | | | | | | |

| Н1 | Calculated opening stock | H2 (2015) + H3 (2015) - F (2015) | | | |
|----|---|---|------------|-----------|------------|
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| НЗ | Shipment plan | Approved volume | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 30,023,500 | 3,883,612 | 26,139,888 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 30,645,130 | 0 | 30,645,130 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 0 | 0 | 0 |
| M | Total of safety boxes (+ 10% of extra need) needed (1 / 100) x 1.10 | | 330,259 | 0 | 330,259 |
| N | N Cost of vaccines needed | | 44,464,804 | 5,751,629 | 38,713,175 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 1,372,902 | 0 | 1,372,902 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 0 | 0 | 0 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 1,797 | 0 | 1,797 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 1,956,452 | 253,072 | 1,703,380 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 47,795,955 | 6,182,521 | 41,613,434 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 6,004,700 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | 12.94 % | | |

Table 7.11.1: Specifications for Measles second dose, 10 dose(s) per vial, LYOPHILISED

| ID | | Source | | 2014 | 2015 | 2016 | 2017 | 2018 | TOTAL |
|----|---|-----------|----|-----------|-----------|-----------|-----------|-----------|-----------|
| | Number of surviving infants | Parameter | # | 1,007,861 | 1,035,471 | 1,063,470 | 1,091,841 | 1,120,633 | 5,319,276 |
| | Number of children to be vaccinated with the first dose | Parameter | # | 0 | 0 | 917,154 | 952,211 | 999,040 | 2,868,405 |
| | Number of children to be vaccinated with the second dose | Parameter | # | | | 917,154 | 952,211 | 999,040 | 2,868,405 |
| | Immunisation coverage with the second dose | Parameter | % | 0.00 % | 0.00 % | 86.24 % | 87.21 % | 89.15 % | |
| | Number of doses per child | Parameter | # | 1 | 1 | 1 | 1 | 1 | |
| | Estimated vaccine wastage factor | Parameter | # | 1.00 | 1.67 | 1.11 | 1.11 | 1.11 | |
| | Stock in Central Store Dec 31, 2014 | | # | 0 | | | | | |
| | Stock across second level Dec 31, 2014 (if available)* | | # | | | | | | |
| | Stock across third level Dec 31, 2014 (if available)* | Parameter | # | | | | | | |
| | Number of doses per vial | Parameter | # | | 10 | 10 | 10 | 10 | |
| | AD syringes required | Parameter | # | | Yes | Yes | Yes | Yes | |
| | Reconstitution syringes required | Parameter | # | | Yes | Yes | Yes | Yes | |
| | Safety boxes required | Parameter | # | | Yes | Yes | Yes | Yes | |
| СС | Country co-financing per dose | Parameter | \$ | | 0.00 | 0.00 | 0.00 | 0.00 | |
| ca | AD syringe price per unit | Parameter | \$ | | 0.0448 | 0.0448 | 0.0448 | 0.0448 | |
| cr | Reconstitution syringe price per unit | Parameter | \$ | | 0 | 0 | 0 | 0 | |
| cs | Safety box price per unit | Parameter | \$ | | 0.0054 | 0.0054 | 0.0054 | 0.0054 | |
| fv | Freight cost as % of vaccines value | Parameter | % | | 13.00 % | 12.60 % | 12.30 % | 12.00 % | |
| fd | Freight cost as % of devices value | Parameter | % | | | | | | |

^{*} Please describe the method used for stock count in the text box below. We assume the closing stock (Dec 31, 2014) is the same as the opening stock (Jan 1, {1}). If there is a difference, please provide details in the text box below.

The method used for the stock count is the physical count and in that there was no difference between the stock of 31 December 2014 and 01 January 2015.

Co-financing tables for Measles second dose, 10 dose(s) per vial, LYOPHILISED

| Co-financing group Low | |
|------------------------|--|
|------------------------|--|

| | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------------------------|------|------|------|------|------|
| Minimum co-financing | | | | | |
| Recommended co-financing as per | | | | | |
| Your co-financing | | | | | |

Table 7.11.4: Calculation of requirements for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID (part 1)

| | | Formula | 2014 | | 2015 | | |
|----|---|--|-----------|-----------|------------------|--|--|
| | | | | Total | Total Government | | |
| Α | Country co-finance | V | | | | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 966,462 | 1,024,571 | | | |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | 3 | | | |
| D | Number of doses needed | BxC | 2,899,386 | 3,073,713 | | | |
| Е | Estimated vaccine wastage factor | Table 4 | 1.05 | 1.05 | | | |
| F | Number of doses needed including wastage | D x E | | 3,227,399 | | | |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | | | | | |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | 0 | 1,132,386 | | | |
| I | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | | 3,273,200 | | | |
| J | Number of doses per vial | Vaccine Parameter | | | | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | | | | | |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | | | | | |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | | | | | |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | | | | | |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | | | | | |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | | | | | |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | | | | | |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | | | | | |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | | | | | |
| Т | Total fund needed | (N+O+P+Q+R+S) | | | | | |
| U | Total country co-financing | I x country co-financing per dose (cc) | | | | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | | | | | |

Table 7.11.4: Calculation of requirements for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID (part 2)

| | | Formula | | 2016 | |
|----|--|---|------------|------------|------------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | V | 5.67 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 1,063,471 | 60,311 | 1,003,160 |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | | |
| D | Number of doses needed | B x C | 3,190,413 | 180,933 | 3,009,480 |
| Ε | Estimated vaccine wastage factor | Table 4 | 1.05 | | |
| F | Number of doses needed including wastage | D x E | 3,349,934 | 189,980 | 3,159,954 |
| G | Buffer on doses needed + buffer on doses wastedBuffer on doses needed = $(D - D)$ of previous yearVaccines buffer stockoriginal approved) $\times 0.25$ Buffer on doses wasted = $(F - D) \times [XXX] - ((F - D))$ of previous year current estimate) $\times 0.25$ | | 30,634 | 1,738 | 28,896 |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | 325,537 | 18,462 | 307,075 |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 3,055,200 | 173,265 | 2,881,935 |
| J | Number of doses per vial | Vaccine Parameter | 2 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 3,185,062 | 0 | 3,185,062 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 0 | 0 | 0 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 33,608 | 0 | 33,608 |
| N | Cost of vaccines needed | l x vaccine price per dose (g) | 10,320,466 | 585,288 | 9,735,178 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 142,691 | 0 | 142,691 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 0 | 0 | 0 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 183 | 0 | 183 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 454,101 | 25,753 | 428,348 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 10,917,441 | 619,143 | 10,298,298 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 611,040 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | 5.67 % | | |

Table 7.11.4: Calculation of requirements for Measles second dose, 10 dose(s) per vial, LYOPHILISED (part 3)

| | | Formula | 2017 Total Government | | |
|----|---|---|-----------------------|------------|-----------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | V | 0.00 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 952,211 | 0 | 952,211 |
| С | Number of doses per child | Vaccine parameter (schedule) | 1 | | |
| D | Number of doses needed | B x C | 952,211 | 0 | 952,211 |
| E | Estimated vaccine wastage factor | Table 4 | 1.11 | | |
| F | Number of doses needed including wastage | D x E | 1,056,955 | 0 | 1,056,955 |
| G | Vaccines buffer stock Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | | 239,017 | 0 | 239,017 |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 1,296,000 | 0 | 1,296,000 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 1,310,351 | 0 | 1,310,351 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 142,560 | 0 | 142,560 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 14,257 | 0 | 14,257 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 357,697 | 0 | 357,697 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 58,704 | 0 | 58,704 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 4,990 | 0 | 4,990 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 78 | 0 | 78 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 43,997 | 0 | 43,997 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 465,466 | 0 | 465,466 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 0 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 0.00 % | | |

Table 7.11.4: Calculation of requirements for Measles second dose, 10 dose(s) per vial, LYOPHILISED (part 4)

| | | Formula | 2018 Total Government | | |
|----|--|---|-----------------------|---|-----------|
| | | | | | GAVI |
| Α | Country co-finance | V | 0.00 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 999,040 | 0 | 999,040 |
| С | Number of doses per child | Vaccine parameter (schedule) | 1 | | |
| D | Number of doses needed | B x C | 999,040 | 0 | 999,040 |
| Е | Estimated vaccine wastage factor | Table 4 | 1.11 | | |
| F | Number of doses needed including wastage | D x E | 1,108,935 | 0 | 1,108,935 |
| G | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | | 251,048 | 0 | 251,048 |
| н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 1,360,000 | 0 | 1,360,000 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 1,375,097 | 0 | 1,375,097 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 149,600 | 0 | 149,600 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 14,961 | 0 | 14,961 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 384,880 | 0 | 384,880 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 61,605 | 0 | 61,605 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 5,237 | 0 | 5,237 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 82 | 0 | 82 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 46,186 | 0 | 46,186 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 497,990 | 0 | 497,990 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 0 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 0.00 % | | |

Table 7.11.1: Specifications for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID

| ID | | Source | | 2014 | 2015 | 2016 | 2017 | 2018 | TOTAL |
|----|---|-----------|----|-----------|-----------|-----------|-----------|------------|------------|
| | Number of surviving infants | Parameter | # | 1,007,861 | 1,035,471 | 1,063,470 | 1,091,841 | 1,120,633 | 5,319,276 |
| | Number of children to be vaccinated with the first dose | Parameter | # | 966,462 | 1,024,571 | 1,063,471 | 1,103,334 | 11,442,260 | 15,600,098 |
| | Number of children to be vaccinated with the third dose | Parameter | # | 918,139 | 973,342 | 1,010,297 | 1,048,167 | 1,048,167 | 4,998,112 |
| | Immunisation coverage with the third dose | Parameter | % | 91.10 % | 94.00 % | 95.00 % | 96.00 % | 93.53 % | |
| | Number of doses per child | Parameter | # | 3 | 3 | 3 | 3 | 3 | |
| | Estimated vaccine wastage factor | Parameter | # | 1.05 | 1.05 | 1.05 | 1.05 | 1.05 | |
| | Stock in Central Store Dec 31, 2014 | | # | 1,132,386 | | | | | |
| | Stock across second level Dec 31, 2014 (if available)* | | # | | | | | | |
| | Stock across third level Dec 31, 2014 (if available)* | Parameter | # | | | | | | |
| | Number of doses per vial | Parameter | # | | 2 | 2 | 2 | 2 | |
| | AD syringes required | Parameter | # | | Yes | Yes | Yes | Yes | |
| | Reconstitution syringes required | Parameter | # | | No | No | No | No | |
| | Safety boxes required | Parameter | # | | Yes | Yes | Yes | Yes | |
| СС | Country co-financing per dose | Parameter | \$ | | 0.20 | 0.20 | 0.20 | 0.20 | |
| ca | AD syringe price per unit | Parameter | \$ | | 0.0448 | 0.0448 | 0.0448 | 0.0448 | |
| cr | Reconstitution syringe price per unit | Parameter | \$ | | 0 | 0 | 0 | 0 | |
| cs | Safety box price per unit | Parameter | \$ | | 0.0054 | 0.0054 | 0.0054 | 0.0054 | |
| fv | Freight cost as % of vaccines value | Parameter | % | | 4.50 % | 4.40 % | 4.50 % | 4.60 % | |

^{*} Please describe the method used for stock count in the text box below. We assume the closing stock (Dec 31, 2014) is the same as the opening stock (Jan 1, {1}). If there is a difference, please provide details in the text box below.

The method used for the stock count is the physical count and in that there was no difference between the stock of 31 December 2014 and 01 January 2015.

Co-financing tables for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID

| | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------------------------|------|------|------|------|------|
| Minimum co-financing | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Recommended co-financing as per | | | 0.20 | 0.20 | 0.20 |
| Your co-financing | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |

Table 7.11.4: Calculation of requirements for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID (part 1)

| | | Formula | 2014 | 2015 | | |
|----|---|--|-----------|-----------|------------|------|
| | | | | Total | Government | GAVI |
| Α | Country co-finance | V | | | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 966,462 | 1,024,571 | | |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | 3 | | |
| D | Number of doses needed | BxC | 2,899,386 | 3,073,713 | | |
| Ε | Estimated vaccine wastage factor | Table 4 | 1.05 | 1.05 | | |
| F | Number of doses needed including wastage | D x E | | 3,227,399 | | |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | | | | |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | 0 | 1,132,386 | | |
| I | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | | 3,273,200 | | |
| J | Number of doses per vial | Vaccine Parameter | | | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | | | | |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | | | | |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | | | | |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | | | | |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | | | | |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | | | | |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | | | | |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | | | | |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | | | | |
| Т | Total fund needed | (N+O+P+Q+R+S) | | | | |
| U | Total country co-financing | I x country co-financing per dose (cc) | | | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | | | | |

Table 7.11.4: Calculation of requirements for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID (part 2)

| | | Formula | 2016 | | |
|----|---|--|------------|------------|------------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | v | 5.67 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 1,063,471 | 60,311 | 1,003,160 |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | | |
| D | Number of doses needed | B x C | 3,190,413 | 180,933 | 3,009,480 |
| Е | Estimated vaccine wastage factor | Table 4 | 1.05 | | |
| F | Number of doses needed including wastage | D x E | 3,349,934 | 189,980 | 3,159,954 |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | 30,634 | 1,738 | 28,896 |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | 325,537 | 18,462 | 307,075 |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| I | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 3,055,200 | 173,265 | 2,881,935 |
| J | Number of doses per vial | Vaccine Parameter | 2 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 3,185,062 | 0 | 3,185,062 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 0 | 0 | 0 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 33,608 | 0 | 33,608 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 10,320,466 | 585,288 | 9,735,178 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 142,691 | 0 | 142,691 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 0 | 0 | 0 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 183 | 0 | 183 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 454,101 | 25,753 | 428,348 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 10,917,441 | 619,143 | 10,298,298 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 611,040 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 5.67 % | | |

Table 7.11.4: Calculation of requirements for Measles second dose, 10 dose(s) per vial, LYOPHILISED (part 3)

| | | Formula | 2017 | | |
|----|---|--|-----------|------------|-----------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | V | 0.00 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 952,211 | 0 | 952,211 |
| С | Number of doses per child | Vaccine parameter (schedule) | 1 | | |
| D | Number of doses needed | B x C | 952,211 | 0 | 952,211 |
| Е | Estimated vaccine wastage factor | Table 4 | 1.11 | | |
| F | Number of doses needed including wastage | D x E | 1,056,955 | 0 | 1,056,955 |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | 239,017 | 0 | 239,017 |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | |
| H2 | Reported stock on January 1st | Table 7.11.1 | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 1,296,000 | 0 | 1,296,000 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 1,310,351 | 0 | 1,310,351 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 142,560 | 0 | 142,560 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 14,257 | 0 | 14,257 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 357,697 | 0 | 357,697 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 58,704 | 0 | 58,704 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 4,990 | 0 | 4,990 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 78 | 0 | 78 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 43,997 | 0 | 43,997 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 465,466 | 0 | 465,466 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 0 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 0.00 % | | |

Table 7.11.4: Calculation of requirements for Measles second dose, 10 dose(s) per vial, LYOPHILISED (part 4)

| | | Formula | 2018 | | |
|----|---|--|-----------|------------|-----------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | V | 0.00 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 999,040 | 0 | 999,040 |
| С | Number of doses per child | Vaccine parameter (schedule) | 1 | | |
| D | Number of doses needed | B x C | 999,040 | 0 | 999,040 |
| Е | Estimated vaccine wastage factor | Table 4 | 1.11 | | |
| F | Number of doses needed including wastage | D x E | 1,108,935 | 0 | 1,108,935 |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year | | 0 | 251,048 |
| н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 1,360,000 | 0 | 1,360,000 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 1,375,097 | 0 | 1,375,097 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 149,600 | 0 | 149,600 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 14,961 | 0 | 14,961 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 384,880 | 0 | 384,880 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 61,605 | 0 | 61,605 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 5,237 | 0 | 5,237 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 82 | 0 | 82 |
| R | Freight cost for vaccines needed | cost for vaccines needed N x freight cost as of % of vaccines value (fv) | | 0 | 46,186 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 497,990 | 0 | 497,990 |
| U | Total country co-financing | l x country co-financing per dose (cc) | 0 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 0.00 % | | |

Table 7.11.1: Specifications for Rotavirus, 2-dose schedule

| ID | | Source | | 2014 | 2015 | 2016 | 2017 | 2018 | TOTAL |
|----|---|-----------|----|-----------|-----------|-----------|-----------|-----------|-----------|
| | Number of surviving infants | Parameter | # | 1,007,861 | 1,035,471 | 1,063,470 | 1,091,841 | 1,120,633 | 5,319,276 |
| | Number of children to be vaccinated with the first dose | Parameter | # | 0 | 653,981 | 962,721 | 1,011,389 | 1,061,653 | 3,689,744 |
| | Number of children to be vaccinated with the second dose | Parameter | # | | 621,282 | 914,585 | 960,820 | 1,008,570 | 3,505,257 |
| | Immunisation coverage with the second dose | Parameter | % | 0.00 % | 60.00 % | 86.00 % | 88.00 % | 90.00 % | |
| | Number of doses per child | Parameter | # | 2 | 2 | 2 | 2 | 2 | |
| | Estimated vaccine wastage factor | Parameter | # | 1.00 | 1.05 | 1.05 | 1.05 | 1.05 | |
| | Stock in Central Store Dec 31, 2014 | | # | 0 | | | | | |
| | Stock across second level Dec 31, 2014 (if available)* | | # | | | | | | |
| | Stock across third level Dec 31, 2014 (if available)* | Parameter | # | | | | | | |
| | Number of doses per vial | Parameter | # | | 1 | 1 | 1 | 1 | |
| | AD syringes required | Parameter | # | | No | No | No | No | |
| | Reconstitution syringes required | Parameter | # | | No | No | No | No | |
| | Safety boxes required | Parameter | # | | No | No | No | No | |
| СС | Country co-financing per dose | Parameter | \$ | | 0.20 | 0.20 | 0.20 | 0.20 | |
| ca | AD syringe price per unit | Parameter | \$ | | 0.0448 | 0.0448 | 0.0448 | 0.0448 | |
| cr | Reconstitution syringe price per unit | Parameter | \$ | | 0 | 0 | 0 | 0 | |
| cs | Safety box price per unit | Parameter | \$ | | 0.0054 | 0.0054 | 0.0054 | 0.0054 | |
| fv | Freight cost as % of vaccines value | Parameter | % | | 4.20 % | 4.40 % | 4.40 % | 4.40 % | |

^{*} Please describe the method used for stock count in the text box below. We assume the closing stock (Dec 31, 2014) is the same as the opening stock (Jan 1, {1}). If there is a difference, please provide details in the text box below.

The method used for the stock count is the physical count and in that there was no difference between the stock of 31 December 2014 and 01 January 2015.

Co-financing tables for Rotavirus, 2-dose schedule

| Co-financing group | Low |
|--------------------|-----|
|--------------------|-----|

| | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------------------------|------|------|------|------|------|
| Minimum co-financing | | 0.20 | 0.20 | 0.20 | 0.20 |
| Recommended co-financing as per | | | 0.20 | 0.20 | 0.20 |
| Your co-financing | | 0.20 | 0.20 | 0.20 | 0.20 |

Table 7.11.4: Calculation of requirements for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID (part 1)

| | | Formula | 2014 | 2015 | | |
|----|---|--|-----------|-----------|------------|------|
| | | | | Total | Government | GAVI |
| Α | Country co-finance | V | | | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 966,462 | 1,024,571 | | |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | 3 | | |
| D | Number of doses needed | BxC | 2,899,386 | 3,073,713 | | |
| Е | Estimated vaccine wastage factor | Table 4 | 1.05 | 1.05 | | |
| F | Number of doses needed including wastage | D x E | | 3,227,399 | | |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | | | | |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | 0 | 1,132,386 | | |
| I | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | | 3,273,200 | | |
| J | Number of doses per vial | Vaccine Parameter | | | | |
| κ | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | | | | |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | | | | |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | | | | |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | | | | |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | | | | |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | | | | |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | | | | |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | | | | |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | | | | |
| Т | Total fund needed | (N+O+P+Q+R+S) | | | | |
| U | Total country co-financing | I x country co-financing per dose (cc) | | | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | | | | |

Table 7.11.4: Calculation of requirements for Pneumococcal (PCV10), 2 dose(s) per vial, LIQUID (part 2)

| | | Formula | 2016 | | |
|----|---|--|------------|------------|------------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | v | 5.67 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 1,063,471 | 60,311 | 1,003,160 |
| С | Number of doses per child | Vaccine parameter (schedule) | 3 | | |
| D | Number of doses needed | B x C | 3,190,413 | 180,933 | 3,009,480 |
| Е | Estimated vaccine wastage factor | Table 4 | 1.05 | | |
| F | Number of doses needed including wastage | D x E | 3,349,934 | 189,980 | 3,159,954 |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | 30,634 | 1,738 | 28,896 |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | 325,537 | 18,462 | 307,075 |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| I | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 3,055,200 | 173,265 | 2,881,935 |
| J | Number of doses per vial | Vaccine Parameter | 2 | | |
| Κ | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 3,185,062 | 0 | 3,185,062 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 0 | 0 | 0 |
| М | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 33,608 | 0 | 33,608 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 10,320,466 | 585,288 | 9,735,178 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 142,691 | 0 | 142,691 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 0 | 0 | 0 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 183 | 0 | 183 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 454,101 | 25,753 | 428,348 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 10,917,441 | 619,143 | 10,298,298 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 611,040 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 5.67 % | | |

Table 7.11.4: Calculation of requirements for Measles second dose, 10 dose(s) per vial, LYOPHILISED (part 3)

| | | Formula | 2017 | | |
|----|---|--|-----------|------------|-----------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | V | 0.00 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 952,211 | 0 | 952,211 |
| С | Number of doses per child | Vaccine parameter (schedule) | 1 | | |
| D | Number of doses needed | B x C | 952,211 | 0 | 952,211 |
| Ε | Estimated vaccine wastage factor | Table 4 | 1.11 | | |
| F | Number of doses needed including wastage | D x E | 1,056,955 | 0 | 1,056,955 |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | 239,017 | 0 | 239,017 |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 1,296,000 | 0 | 1,296,000 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 1,310,351 | 0 | 1,310,351 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 142,560 | 0 | 142,560 |
| M | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 14,257 | 0 | 14,257 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 357,697 | 0 | 357,697 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 58,704 | 0 | 58,704 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 4,990 | 0 | 4,990 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 78 | 0 | 78 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 43,997 | 0 | 43,997 |
| s | Freight cost for devices needed | (O+P+Q) x freight cost as % of devices value (fd) | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 465,466 | 0 | 465,466 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 0 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U/(N+R) | 0.00 % | | |

Table 7.11.4: Calculation of requirements for Measles second dose, 10 dose(s) per vial, LYOPHILISED (part 4)

| | | Formula | 2018 | | |
|----|---|--|-----------|------------|-----------|
| | | | Total | Government | GAVI |
| Α | Country co-finance | V | 0.00 % | | |
| В | Number of children to be vaccinated with the first dose | Table 4 | 999,040 | 0 | 999,040 |
| С | Number of doses per child | Vaccine parameter (schedule) | 1 | | |
| D | Number of doses needed | B x C | 999,040 | 0 | 999,040 |
| Ε | Estimated vaccine wastage factor | Table 4 | 1.11 | | |
| F | Number of doses needed including wastage | D x E | 1,108,935 | 0 | 1,108,935 |
| G | Vaccines buffer stock | Buffer on doses needed + buffer on doses wasted Buffer on doses needed = (D - D of previous year original approved) x 0.25 Buffer on doses wasted = (F - D) x [XXX] - ((F - D) of previous year current estimate) x 0.25 | 251,048 | 0 | 251,048 |
| Н | Stock to be deducted | H2 of previous year - 0.25 x F of previous year | | | |
| Н2 | Reported stock on January 1st | Table 7.11.1 | | | |
| ı | Total vaccine doses needed | Round up((F + G - H) / vaccine package size) x vaccine package size | 1,360,000 | 0 | 1,360,000 |
| J | Number of doses per vial | Vaccine Parameter | 10 | | |
| K | Number of AD syringes (+ 10% wastage) needed | (D + G – H) x 1.10 | 1,375,097 | 0 | 1,375,097 |
| L | Reconstitution syringes (+ 10% wastage) needed | (I / J) x 1.10 | 149,600 | 0 | 149,600 |
| M | Total of safety boxes (+ 10% of extra need) needed | (I / 100) x 1.10 | 14,961 | 0 | 14,961 |
| N | Cost of vaccines needed | I x vaccine price per dose (g) | 384,880 | 0 | 384,880 |
| 0 | Cost of AD syringes needed | K x AD syringe price per unit (ca) | 61,605 | 0 | 61,605 |
| Р | Cost of reconstitution syringes needed | L x reconstitution price per unit (cr) | 5,237 | 0 | 5,237 |
| Q | Cost of safety boxes needed | M x safety box price per unit (cs) | 82 | 0 | 82 |
| R | Freight cost for vaccines needed | N x freight cost as of % of vaccines value (fv) | 46,186 | 0 | 46,186 |
| s | Freight cost for devices needed (O+P+Q) x freight cost as % of devices value (fd) | | 0 | 0 | 0 |
| Т | Total fund needed | (N+O+P+Q+R+S) | 497,990 | 0 | 497,990 |
| U | Total country co-financing | I x country co-financing per dose (cc) | 0 | | |
| ٧ | Country co-financing % of GAVI supported proportion | U / (N + R) | 0.00 % | | |

8. Health Systems Strengthening Support (HSS)

Instructions for reporting on HSS funds received

- 1. Please complete this section only if your country was approved for <u>and</u> received HSS funds before or during January to December 2014. All countries are expected to report on:
 - a. Progress achieved in 2014
 - b. HSS implementation during January April 2015 (interim reporting)
 - c. Plans for 2016
 - d. Proposed changes to approved activities and budget (see No. 4 below)

For countries that received HSS funds within the last 3 months of 2014, or experienced other delays that limited implementation in 2014, this section can be used as an inception report to comment on start up activities.

- 2. In order to better align HSS support reporting to country processes, for countries of which the 2014 fiscal year starts in January 2014 and ends in December 2014, HSS reports should be received by the GAVI Alliance before **15th May 2015**. For other countries, HSS reports should be received by the GAVI Alliance approximately six months after the end of country fiscal year, e.g., if the country fiscal year ends in March 2015, the HSS reports are expected by GAVI Alliance by September 2015.
- 3. Please use your approved proposal as reference to fill in this Annual Progress Report. Please fill in this reporting template thoroughly and accurately and use additional space as necessary.
- 4. If you are proposing changes to approved objectives, activities and budget (reprogramming) please request the reprogramming guidelines by contacting your Country Responsible Officer at GAVI or by emailing gavihss@gavi.org.
- 5. If you are requesting a new tranche of funding, please make this clear in Section 8.1.2.
- 6. Please ensure that, prior to its submission to the GAVI Alliance Secretariat, this report has been endorsed by the relevant country coordination mechanisms (HSCC or equivalent) as provided for on the signature page in terms of its accuracy and validity of facts, figures and sources used.
- 7. Please attach all required supporting documents. These include:
 - a. Minutes of all the HSCC meetings held in 2014
 - b. Minutes of the HSCC meeting in 2015 that endorses the submission of this report
 - c. Latest Health Sector Review Report
 - d. Financial statement for the use of HSS funds in the 2014 calendar year
 - e. External audit report for HSS funds during the most recent fiscal year (if available)
- 8. The GAVI Alliance Independent Review Committee (IRC) reviews all Annual Progress Reports. In addition to the information listed above, the IRC requires the following information to be included in this section in order to approve further tranches of HSS funding:
 - a. Reporting on agreed indicators, as outlined in the approved M&E framework, proposal and approval letter;
 - b. Demonstration of (with tangible evidence) strong links between activities, output, outcome and impact indicators:
 - c. Outline of technical support that may be required to either support the implementation or monitoring of the GAVI HSS investment in the coming year
- 8. Inaccurate, incomplete or unsubstantiated reporting may lead the IRC to either send the APR back to your country for clarifications (which may cause delays in the release of further HSS funds), to recommend against the release of further HSS funds or only approve part of the next tranche of HSS funds.

8.1. Report on the use of HSS funds in 2014 and request of a new tranche

Please provide data sources for all data used in this report.

8.1.1. Report on the use of HSS funds in 2014

Please complete <u>Table 8.1.3.a</u> and <u>8.1.3.b</u> (as per APR) for each year of your country's approved multi-year HSS programme and both in US\$ and local currency

Please note: If you are requesting a new tranche of funding, please make sure you fill in the last row of <u>Table 8.1.3.a</u> and <u>8.1.3.b</u>.

8.1.2. Please indicate if you are requesting a new tranche of funding No

If yes, please indicate the amount of funding requested: US\$

These funds should be sufficient to carry out HSS grant implementation through December 2016.

Table 8.1.3a (US)\$

from GAVI during the

| | | | T | | | T |
|---|------|------|------|------|------|------|
| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
| Original annual budgets (as per the originally approved HSS proposal) | | | | | | |
| Revised annual budgets (if revised by previous Annual Progress Reviews) | | | | | | |
| Total funds received from GAVI during the calendar year (A) | | | | | | |
| Remaining funds (carry over) from previous year (<i>B</i>) | | | | | | |
| Total Funds available during the calendar year (<i>C</i> = <i>A</i> + <i>B</i>) | | | | | | |
| Total expenditure during the calendar year (<i>D</i>) | | | | | | |
| Balance carried forward to next calendar year (<i>E</i> = <i>C</i> - <i>D</i>) | | | | | | |
| Amount of funding requested for future calendar year(s) [please ensure you complete this row if you are requesting a new tranche] | | | | | | |
| | 2015 | 2016 | 2017 | 2018 | | |
| Original annual budgets (as per the originally approved HSS proposal) | | | | | | |
| Revised annual budgets (if revised by previous Annual Progress Reviews) | | | | | | |
| Total funds received | | | | | | |

| calendar year (A) | | |
|---|--|--|
| Remaining funds (carry over) from previous year (<i>B</i>) | | |
| Total Funds available during the calendar year (C=A+B) | | |
| Total expenditure during the calendar year (D) | | |
| Balance carried forward to next calendar year (<i>E</i> = <i>C</i> - <i>D</i>) | | |
| Amount of funding requested for future calendar year(s) [please ensure you complete this row if you are requesting a new tranche] | | |

Table 8.1.3b (Local currency)

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|------|------|------|------|------|------|
| Original annual budgets (as per the originally approved HSS proposal) | | | | | | |
| Revised annual budgets (if revised by previous Annual Progress Reviews) | | | | | | |
| Total funds received from GAVI during the calendar year (A) | | | | | | |
| Remaining funds (carry over) from previous year (<i>B</i>) | | | | | | |
| Total Funds available during the calendar year (<i>C=A+B</i>) | | | | | | |
| Total expenditure during the calendar year (<i>D</i>) | | | | | | |
| Balance carried forward to next calendar year (<i>E=C-D</i>) | | | | | | |
| Amount of funding requested for future calendar year(s) [please ensure you complete this row if you are requesting a new tranche] | | | | | | |

| | 2015 | 2016 | 2017 | 2018 |
|---|------|------|------|------|
| Original annual budgets (as per the originally approved HSS proposal) | | | | |
| Revised annual budgets (if revised by previous Annual Progress Reviews) | | | | |
| Total funds received from GAVI during the calendar year (A) | | | | |
| Remaining funds (carry over) from previous year (<i>B</i>) | | | | |
| Total Funds available during the calendar year (C=A+B) | | | | |
| Total expenditure during the calendar year (D) | | | | |
| Balance carried forward to next calendar year (<i>E</i> = <i>C</i> - <i>D</i>) | | | | |
| Amount of funding requested for future calendar year(s) [please ensure you complete this row if you are requesting a new tranche] | | | | |

Report of Exchange Rate Fluctuation

Please indicate in the table <u>Table 8.3.c</u> below the exchange rate used for each calendar year at opening and closing.

Table 8.1.3.c

| Exchange Rate | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|---------------------------|------|------|------|------|------|------|
| Opening on 1 January | | | | | | |
| Closing on 31 December | | | | | | |

Detailed expenditure of HSS funds during the 2014 calendar year

Please attach a detailed financial statement for the use of HSS funds during the 2014 calendar year (*Terms of reference for this financial statement are attached in the online APR Annexes*). Financial statements should be signed by the Chief Accountant or by the Permanent Secretary of Ministry of Health. (**Document Number: 19**)

If any expenditures for the January April 2015 period are reported in Tables 8.1.3a and 8.1.3b, a separate, detailed financial statement for the use of these HSS funds must also be attached (**Document Number: 20**)

Has an external audit been conducted? Not selected

External audit reports for HSS programmes are due to the GAVI Secretariat six months following the close of your governments fiscal year. If an external audit report is available during your governments most recent fiscal year, this must also be attached (Document Number: 21)

8.2. Progress on HSS activities in the 2014 fiscal year

Please report on major activities conducted to strengthen immunisation using HSS funds in Table 8.2. It is very important to be precise about the extent of progress and use the M&E framework in your original

application and approval letter.

Please provide the following information for each planned activity:

- The percentage of activity completed where applicable
- An explanation about progress achieved and constraints, if any
- The source of information/data if relevant.

Table 8.2: HSS activities in the 2014 reporting year

| Major Activities (insert as many rows as necessary) | Planned Activity for 2014 | Percentage of Activity completed (annual) (where applicable) | Source of information/data (if relevant) |
|---|---------------------------|--|--|
|---|---------------------------|--|--|

8.2.1 For each objective and activity (i.e. Objective 1, Activity 1.1, Activity 1.2, etc.), explain the progress achieved and relevant constraints (e.g. evaluations, HSCC meetings).

| Major Activities (insert as many rows as necessary) | Explain progress achieved and relevant constraints |
|---|--|
|---|--|

8.2.2 Explain why any activities have not been implemented, or have been modified, with references.

8.2.3 If GAVI HSS grant has been utilised to provide national health human resources incentives, how has the GAVI HSS grant been contributing to the implementation of national Human Resource policy or guidelines?

8.3. General overview of targets achieved

Please complete **Table 8.3** for each indicator and objective outlined in the original approved proposal and decision letter. Please use the baseline values and targets for 2013 from your original HSS proposal.

Table 8.3: Progress on targets achieved

| Name of Objective or Indicator (Insert as many rows as necessary) | | | Agreed target till end of support in original HSS application | 2014 Target | Data Source | Explanation if any targets were not achieved |
|---|-------------------------------------|--|---|-------------|----------------|---|
| | Baseline Baseline value source/date | | | | | |

8.4. Programme implementation in 2014

- 8.4.1. Please provide a narrative on major accomplishments in 2014, especially impacts on health service programmes, and how the HSS funds benefited the immunisation programme
- 8.4.2. Please describe problems encountered and solutions found or proposed to improve future performance of HSS funds.
- 8.4.3. Please describe the exact arrangements at different levels for monitoring and evaluating GAVI funded HSS activities.
- 8.4.4. Please outline to what extent the M&E is integrated with country systems (such as, for example, annual sector reviews). Please describe ways in which reporting on GAVI HSS funds can be more organization with existing reporting systems in your country. This could include using the relevant indicators agreed in the sector-wide approach in place of GAVI indicators.
- 8.4.5. Please specify the participation of key stakeholders in the implementation of the HSS proposal

(including the EPI Programme and Civil Society Organisations). This should include organisation type, name and implementation function.

8.4.6. Please describe the participation of Civil Society Organisations in the implementation of the HSS proposal. Please provide names of organisations, type of activities and funding provided to these organisations from the HSS funding.

- 8.4.7. Please describe the management of HSS funds and include the following:
 - Whether the management of HSS funds has been effective
 - Constraints to internal fund disbursement, if any
 - Actions taken to address any issues and to improve management
 - Any changes to management processes in the coming year

8.5. Planned HSS activities for 2015

Please use **Table 8.5** to provide information on progress on activities in 2015. If you are proposing changes to your activities and budget in 2015 please explain these changes in the table below and provide explanations for these changes.

Table 8.5: Planned activities for 2015

| Major Activities (insert as many rows as necessary) | Planned Activity for 2015 | Original budget for 2015 (as approved in the HSS proposal or as adjusted during past annual progress reviews) | 2015 actual | Revised activity (if relevant) | Explanation for proposed changes to activities or budget (if relevant) | Revised budget for 2015 (if relevant) |
|---|---------------------------------|---|-------------|-----------------------------------|--|---|
| | | 0 | 0 | | | 0 |

8.6. Planned HSS activities for 2016

Please use **Table 8.6** to outline planned activities for 2016. If you are proposing changes to your activities and budget please explain these changes in the table below and provide explanations for each change so that the IRC can recommend for approval the revised budget and activities.

Please note that if the change in budget is greater than 15% of the approved allocation for the specific activity in that financial year, these proposed changes must be submitted for IRC approval with the evidence for requested changes

Table 8.6: Planned HSS Activities for 2016

| Major Activities (insert as many rows as necessary) | Planned Activity for 2016 | Original budget for 2016 (as approved in the HSS proposal or as adjusted during past annual progress reviews) | Revised activity (if relevant) | Explanation for proposed changes to activities or budget (if relevant) | Revised budget for 2016 (if relevant) |
|---|---------------------------------|---|--------------------------------|--|---|
| | | 0 | | | |

8.7. Revised indicators in case of reprogramming

Countries planning to submit reprogramming requests may do so any time of the year. Please request the reprogramming guidelines by contacting your Country Responsible Officer at GAVI or by emailing gavihss@gavi.org

8.8. Other sources of funding for HSS

If other donors are contributing to the achievement of the country's objectives as outlined in the GAVI HSS proposal, please outline the amount and links to inputs being reported on:

Table 8.8: Sources of HSS funds in your country

| Donor | Amount in US\$ | Duration of support | Type of activities funded | |
|-------|----------------|---------------------|---------------------------|--|
| | | | | |

8.8.1. Is GAVI's HSS support reported on the national health sector budget? Not selected

8.9. Reporting on the HSS grant

- 8.9.1. Please list the **main** sources of information used in this HSS report and outline the following:
 - How information was validated at country level prior to its submission to the GAVI Alliance.
 - Any important issues raised in terms of accuracy or validity of information (especially financial information and the values of indicators) and how these were dealt with or resolved.

Table 8.9.1: Data sources

| Data sources used in this report | How information was validated | Problems experienced, if any |
|----------------------------------|-------------------------------|------------------------------|
| | | |

- 8.9.2. Please describe any difficulties experienced in putting this report together that you would like the GAVI Alliance and IRC to be aware of. This information will be used to improve the reporting process.
- 8.9.3. How many times did the Health Sector Coordinating Committee (HSCC) meet in 2014? Please attach:
 - 1. The minutes from the HSCC meetings in 2015 endorsing this report (Document Number: 6)
 - 2. The latest Health Sector Review report (Document Number: 22)

9. Strengthened Involvement of Civil Society Organisations (CSOs) : Type A and Type B

9.1. TYPE A: Support to strengthen coordination and representation of CSOs

Mozambique has NOT received GAVI TYPE A CSO support

Mozambique is not reporting on GAVI TYPE A CSO support for 2014

9.2. TYPE B: Support for CSOs to help implement the GAVI HSS proposal or cMYP

Mozambique has NOT received GAVI TYPE B CSO support

Mozambique is not reporting on GAVI TYPE B CSO support for 2014

10. Comments from ICC/HSCC Chairs

Please provide any comments that you may wish to bring to the attention of the monitoring IRC in the course of this review and any information you may wish to share in relation to challenges you have experienced during the year under review. These could be in addition to the approved minutes, which should be included in the attachments

11. Annexes

11.1. Annex 1 - Terms of reference ISS

TERMS OF REFERENCE:

FINANCIAL STATEMENTS FOR IMMUNISATION SERVICES SUPPORT (ISS) AND NEW VACCINE INTRODUCTION GRANTS

- I. All countries that have received ISS /new vaccine introduction grants during the 2014 calendar year, or had balances of funding remaining from previously disbursed ISS/new vaccine introduction grants in 2014, are required to submit financial statements for these programmes as part of their Annual Progress Reports.
- II. Financial statements should be compiled based upon countries' own national standards for accounting, thus GAVI will not provide a single template to countries with pre-determined cost categories.
- III. **At a minimum**, GAVI requires a simple statement of income and expenditure for activity during the 2014 calendar year, to be comprised of points (a) through (f), below. A sample basic statement of income and expenditure is provided on the next page.
 - a. Funds carried forward from the 2013 calendar year (opening balance as of 1 January 2014)
 - b. Income received from GAVI during 2014
 - c. Other income received during 2014 (interest, fees, etc)
 - d. Total expenditure during the calendar year
 - e. Closing balance as of 31 December 2014
 - f. A detailed analysis of expenditures during 2014, based on *your government's own system of economic classification*. This analysis should summarise total annual expenditure for the year by your government's own system of economic classification, and relevant cost categories, for example: wages & salaries. If possible, please report on the budget for each category at the beginning of the calendar year, actual expenditure during the calendar year, and the balance remaining for each cost category as of 31 December 2014 (referred to as the "variance").
- IV. Financial statements should be compiled in local currency, with an indication of the USD exchange rate applied. Countries should provide additional explanation of how and why a particular rate of exchange has been applied, and any supplementary notes that may help the GAVI Alliance in its review of the financial statements.
- V. Financial statements need not have been audited/certified prior to their submission to GAVI. However, it is understood that these statements should be subjected to scrutiny during each country's external audit for the 2014 financial year. Audits for ISS are due to the GAVI Secretariat 6 months following the close of each country's financial year.

11.2. Annex 2 - Example income & expenditure ISS

$\frac{\text{MINIMUM REQUIREMENTS FOR } \textbf{ISS}}{1} \text{ AND VACCINE INTRODUCTION GRANT FINANCIAL STATEMENTS}}{1}$

An example statement of income & expenditure

| Summary of income and expenditure – GAVI ISS | | | | |
|---|-------------------------|----------------|--|--|
| | Local currency (CFA) | Value in USD * | | |
| Balance brought forward from 2013 (balance as of 31Decembre 2013) | 25,392,830 | 53,000 | | |
| Summary of income received during 2014 | | | | |
| Income received from GAVI | 57,493,200 | 120,000 | | |
| Income from interest | 7,665,760 | 16,000 | | |
| Other income (fees) | 179,666 | 375 | | |
| Total Income | 38,987,576 | 81,375 | | |
| Total expenditure during 2014 | 30,592,132 | 63,852 | | |
| Balance as of 31 December 2014 (balance carried forward to 2015) | 60,139,325 | 125,523 | | |

^{*} Indicate the exchange rate at opening 01.01.2014, the exchange rate at closing 31.12.2014, and also indicate the exchange rate used for the conversion of local currency to US\$ in these financial statements.

| Detailed analysis of expenditure by economic classification ** – GAVI ISS | | | | | | | | |
|---|------------------------|---------------|---------------|---------------|--------------------|--------------------|--|--|
| | Budget in CFA | Budget in USD | Actual in CFA | Actual in USD | Variance in CFA | Variance in USD | | |
| Salary expenditure | | | | | | | | |
| Wedges & salaries | 2,000,000 | 4,174 | 0 | 0 | 2,000,000 | 4,174 | | |
| Per diem payments | 9,000,000 | 18,785 | 6,150,000 | 12,836 | 2,850,000 | 5,949 | | |
| Non-salary expenditure | Non-salary expenditure | | | | | | | |
| Training | 13,000,000 | 27,134 | 12,650,000 | 26,403 | 350,000 | 731 | | |
| Fuel | 3,000,000 | 6,262 | 4,000,000 | 8,349 | -1,000,000 | -2,087 | | |
| Maintenance & overheads | 2,500,000 | 5,218 | 1,000,000 | 2,087 | 1,500,000 | 3,131 | | |
| Other expenditures | | | | | | | | |
| Vehicles | 12,500,000 | 26,090 | 6,792,132 | 14,177 | 5,707,868 | 11,913 | | |
| TOTALS FOR 2014 | 42,000,000 | 87,663 | 30,592,132 | 63,852 | 11,407,868 | 23,811 | | |

^{**} Expenditure categories are indicative and only included for demonstration purpose. Each implementing government should provide statements in accordance with its own system for economic classification.

11.3. Annex 3 - Terms of reference HSS

TERMS OF REFERENCE:

FINANCIAL STATEMENTS FOR HEALTH SYSTEMS STRENGTHENING (HSS)

- I. All countries that have received HSS grants during the 2014 calendar year, or had balances of funding remaining from previously disbursed HSS grants in 2014, are required to submit financial statements for these programmes as part of their Annual Progress Reports.
- II. Financial statements should be compiled based upon countries' own national standards for accounting, thus GAVI will not provide a single template to countries with pre-determined cost categories.
- III. At a minimum, GAVI requires a simple statement of income and expenditure for activity during the 2014 calendar year, to be comprised of points (a) through (f), below. A sample basic statement of income and expenditure is provided on the next page.
 - a. Funds carried forward from the 2013 calendar year (opening balance as of 1 January 2014)
 - b. Income received from GAVI during 2014
 - c. Other income received during 2014 (interest, fees, etc)
 - d. Total expenditure during the calendar year
 - e. Closing balance as of 31 December 2014
 - f. A detailed analysis of expenditures during 2014, based on your government's own system of economic classification. This analysis should summarise total annual expenditure for each HSS objective and activity, per your government's originally approved HSS proposal, with further breakdown by cost category (for example: wages & salaries). Cost categories used should be based upon your government's own system for economic classification. Please report the budget for each objective, activity and cost category at the beginning of the calendar year, the actual expenditure during the calendar year, and the balance remaining for each objective, activity and cost category as of 31 December 2014 (referred to as the "variance").
- IV. Financial statements should be compiled in local currency, with an indication of the USD exchange rate applied. Countries should provide additional explanation of how and why a particular rate of exchange has been applied, and any supplementary notes that may help the GAVI Alliance in its review of the financial statements.
- V. Financial statements need not have been audited/certified prior to their submission to GAVI. However, it is understood that these statements should be subjected to scrutiny during each country's external audit for the 2014 financial year. Audits for HSS are due to the GAVI Secretariat 6 months following the close of each country's financial year.

11.4. Annex 4 - Example income & expenditure HSS

MINIMUM REQUIREMENTS FOR HSS FINANCIAL STATEMENTS:

An example statement of income & expenditure

| Summary of income and expenditure – GAVI HSS | | | | | | |
|---|-------------------------|----------------|--|--|--|--|
| | Local currency (CFA) | Value in USD * | | | | |
| Balance brought forward from 2013 (balance as of 31Decembre 2013) | 25,392,830 | 53,000 | | | | |
| Summary of income received during 2014 | | | | | | |
| Income received from GAVI | 57,493,200 | 120,000 | | | | |
| Income from interest | 7,665,760 | 16,000 | | | | |
| Other income (fees) | 179,666 | 375 | | | | |
| Total Income | 38,987,576 | 81,375 | | | | |
| Total expenditure during 2014 | 30,592,132 | 63,852 | | | | |
| Balance as of 31 December 2014 (balance carried forward to 2015) | 60,139,325 | 125,523 | | | | |

^{*} Indicate the exchange rate at opening 01.01.2014, the exchange rate at closing 31.12.2014, and also indicate the exchange rate used for the conversion of local currency to US\$ in these financial statements.

| Detailed analysis of expenditure by economic classification ** - GAVI HSS | | | | | | | | |
|---|------------------------|---------------|---------------|---------------|--------------------|--------------------|--|--|
| | Budget in CFA | Budget in USD | Actual in CFA | Actual in USD | Variance in CFA | Variance in USD | | |
| Salary expenditure | | | | | | | | |
| Wedges & salaries | 2,000,000 | 4,174 | 0 | 0 | 2,000,000 | 4,174 | | |
| Per diem payments | 9,000,000 | 18,785 | 6,150,000 | 12,836 | 2,850,000 | 5,949 | | |
| Non-salary expenditure | Non-salary expenditure | | | | | | | |
| Training | 13,000,000 | 27,134 | 12,650,000 | 26,403 | 350,000 | 731 | | |
| Fuel | 3,000,000 | 6,262 | 4,000,000 | 8,349 | -1,000,000 | -2,087 | | |
| Maintenance & overheads | 2,500,000 | 5,218 | 1,000,000 | 2,087 | 1,500,000 | 3,131 | | |
| Other expenditures | | | | | | | | |
| Vehicles | 12,500,000 | 26,090 | 6,792,132 | 14,177 | 5,707,868 | 11,913 | | |
| TOTALS FOR 2014 | 42,000,000 | 87,663 | 30,592,132 | 63,852 | 11,407,868 | 23,811 | | |

^{**} Expenditure categories are indicative and only included for demonstration purpose. Each implementing government should provide statements in accordance with its own system for economic classification.

11.5. Annex 5 - Terms of reference CSO

TERMS OF REFERENCE:

FINANCIAL STATEMENTS FOR CIVIL SOCIETY ORGANISATION (CSO) TYPE B

- I. All countries that have received CSO 'Type B' grants during the 2014 calendar year, or had balances of funding remaining from previously disbursed CSO 'Type B' grants in 2014, are required to submit financial statements for these programmes as part of their Annual Progress Reports.
- II. Financial statements should be compiled based upon countries' own national standards for accounting, thus GAVI will not provide a single template to countries with pre-determined cost categories.
- III. At a minimum, GAVI requires a simple statement of income and expenditure for activity during the 2014 calendar year, to be comprised of points (a) through (f), below. A sample basic statement of income and expenditure is provided on page 3 of this annex.
 - a. Funds carried forward from the 2013 calendar year (opening balance as of 1 January 2014)
 - b. Income received from GAVI during 2014
 - c. Other income received during 2014 (interest, fees, etc)
 - d. Total expenditure during the calendar year
 - e. Closing balance as of 31 December 2014
 - f. A detailed analysis of expenditures during 2014, based on your government's own system of economic classification. This analysis should summarise total annual expenditure by each civil society partner, per your government's originally approved CSO 'Type B' proposal, with further breakdown by cost category (for example: wages & salaries). Cost categories used should be based upon your government's own system for economic classification. Please report the budget for each objective, activity and cost category at the beginning of the calendar year, the actual expenditure during the calendar year, and the balance remaining for each objective, activity and cost category as of 31 December 2014 (referred to as the "variance").
- IV. Financial statements should be compiled in local currency, with an indication of the USD exchange rate applied. Countries should provide additional explanation of how and why a particular rate of exchange has been applied, and any supplementary notes that may help the GAVI Alliance in its review of the financial statements.
- V. Financial statements need not have been audited/certified prior to their submission to GAVI. However, it is understood that these statements should be subjected to scrutiny during each country's external audit for the 2014 financial year. Audits for CSO 'Type B' are due to the GAVI Secretariat 6 months following the close of each country's financial year.

11.6. Annex 6 - Example income & expenditure CSO

MINIMUM REQUIREMENTS FOR CSO 'Type B' FINANCIAL STATEMENTS

An example statement of income & expenditure

| Summary of income and expenditure – GAVI CSO | | | | | | |
|---|----------------------|----------------|--|--|--|--|
| | Local currency (CFA) | Value in USD * | | | | |
| Balance brought forward from 2013 (balance as of 31Decembre 2013) | 25,392,830 | 53,000 | | | | |
| Summary of income received during 2014 | | | | | | |
| Income received from GAVI | 57,493,200 | 120,000 | | | | |
| Income from interest | 7,665,760 | 16,000 | | | | |
| Other income (fees) | 179,666 | 375 | | | | |
| Total Income | 38,987,576 | 81,375 | | | | |
| Total expenditure during 2014 | 30,592,132 | 63,852 | | | | |
| Balance as of 31 December 2014 (balance carried forward to 2015) | 60,139,325 | 125,523 | | | | |

^{*} Indicate the exchange rate at opening 01.01.2014, the exchange rate at closing 31.12.2014, and also indicate the exchange rate used for the conversion of local currency to US\$ in these financial statements.

| Detailed analysis of expenditure by economic classification ** - GAVI CSO | | | | | | | |
|---|---------------|---------------|---------------|---------------|--------------------|--------------------|--|
| | Budget in CFA | Budget in USD | Actual in CFA | Actual in USD | Variance in CFA | Variance in USD | |
| Salary expenditure | | | | | | | |
| Wedges & salaries | 2,000,000 | 4,174 | 0 | 0 | 2,000,000 | 4,174 | |
| Per diem payments | 9,000,000 | 18,785 | 6,150,000 | 12,836 | 2,850,000 | 5,949 | |
| Non-salary expenditure | | | | | | | |
| Training | 13,000,000 | 27,134 | 12,650,000 | 26,403 | 350,000 | 731 | |
| Fuel | 3,000,000 | 6,262 | 4,000,000 | 8,349 | -1,000,000 | -2,087 | |
| Maintenance & overheads | 2,500,000 | 5,218 | 1,000,000 | 2,087 | 1,500,000 | 3,131 | |
| Other expenditures | | | | | | | |
| Vehicles | 12,500,000 | 26,090 | 6,792,132 | 14,177 | 5,707,868 | 11,913 | |
| TOTALS FOR 2014 | 42,000,000 | 87,663 | 30,592,132 | 63,852 | 11,407,868 | 23,811 | |

^{**} Expenditure categories are indicative and only included for demonstration purpose. Each implementing government should provide statements in accordance with its own system for economic classification.

12. Attachments

| Document Number | Document | Section | Mandatory | File |
|--------------------|--|---------|-----------|---|
| 1 | Signature of Minister of Health (or delegated authority) | 2.1 | ✓ | Ministers Signatures APR.pdf File desc: Date/time: 15/05/2015 05:19:08 Size: 254 KB |
| 2 | Signature of Minister of Finance (or delegated authority) | 2.1 | ✓ | Ministers Signatures APR.pdf File desc: Date/time: 15/05/2015 05:18:46 Size: 254 KB |
| 3 | Signatures of members of ICC | 2.2 | ~ | ICC Signatures.pdf File desc: Date/time: 15/05/2015 05:12:09 Size: 347 KB |
| 4 | Minutes of ICC meeting in 2015 endorsing the APR 2014 | 5.4 | > | ICC Minutes 22.08.pdf File desc: Date/time: 15/05/2015 06:18:26 Size: 983 KB |
| 5 | Signatures of members of HSCC | 2.3 | > | ICC Signatures.pdf File desc: Date/time: 15/05/2015 08:23:00 Size: 347 KB |
| 6 | Minutes of HSCC meeting in 2015 endorsing the APR 2014 | 8.9.3 | > | ICC Meeting Minutes 13 May 14.pdf File desc: Date/time: 15/05/2015 08:22:40 Size: 183 KB |
| 7 | Financial statement for ISS grant (Fiscal year 2014) signed by the Chief Accountant or Permanent Secretary in the Ministry of Health | 6.2.1 | × | Financial Statement for ISS Grant.docx File desc: Date/time: 15/05/2015 04:58:00 Size: 13 KB |
| 8 | External audit report for ISS grant (Fiscal Year 2014) | 6.2.3 | × | Statement for ISS Grant Audit Report.docx File desc: Date/time: 15/05/2015 04:53:55 Size: 13 KB |
| 9 | Post Introduction Evaluation Report | 7.2.1 | × | PIE Improvement Plan (1).pdf File desc: Date/time: 15/05/2015 04:47:45 |

| | | | | Size: 105 KB |
|----|---|-------|-------------|--|
| 10 | Financial statement for NVS introduction grant (Fiscal year 2014) signed by the Chief Accountant or Permanent Secretary in the Ministry of Health | 7.3.1 | * | Financial Statement for Vaccine Introduction Grant.docx File desc: Date/time: 15/05/2015 04:45:34 Size: 13 KB |
| 11 | External audit report for NVS introduction grant (Fiscal year 2014) if total expenditures in 2014 is greater than US\$ 250,000 | 7.3.1 | * | Statement for Vaccine Introduction Grant Audit Report.docx File desc: Date/time: 15/05/2015 04:40:27 Size: 13 KB |
| 12 | Latest EVSM/VMA/EVM report | 7.5 | > | EVM_Mozambique_report_May 2012.docx File desc: Date/time: 15/05/2015 04:28:00 Size: 3 MB |
| 13 | Latest EVSM/VMA/EVM improvement plan | 7.5 | > | Mozambique EVMA 2012 Plan Implementation Satatus.xls File desc: Date/time: 15/05/2015 04:23:25 Size: 93 KB |
| 14 | EVSM/VMA/EVM improvement plan implementation status | 7.5 | > | PIE Implementation Status.pdf File desc: Date/time: 15/05/2015 04:20:36 Size: 57 KB |
| 16 | Valid cMYP if requesting extension of support | 7.8 | > | Valid cMYP if requesting extension of support.docx File desc: Date/time: 17/06/2015 11:24:19 Size: 13 KB |
| 17 | Valid cMYP costing tool if requesting extension of support | 7.8 | ✓ | Valid cMYP costing tool if requesting extension of support.docx File desc: Date/time: 17/06/2015 11:25:17 Size: 13 KB |
| 18 | Minutes of ICC meeting endorsing extension of vaccine support if applicable | 7.8 | ✓ | Minutes of ICC meeting endorsing extension of vaccine support if applicable.docx File desc: Date/time: 17/06/2015 11:26:11 Size: 13 KB |

| | · | | | |
|----|---|-------|----------|---|
| 19 | Financial statement for HSS grant (Fiscal year 2014) signed by the Chief Accountant or Permanent Secretary in the Ministry of Health | 8.1.3 | * | Financial statement for HSS grant (Fiscal year 2014) signed by the Chief.docx File desc: Date/time: 15/05/2015 08:46:51 Size: 13 KB |
| 20 | Financial statement for HSS grant for January- April 2015 signed by the Chief Accountant or Permanent Secretary in the Ministry of Health | 8.1.3 | * | Financial statement for HSS grant for January-April 2015.docx File desc: Date/time: 15/05/2015 08:45:18 Size: 13 KB |
| 21 | External audit report for HSS grant (Fiscal Year 2014) | 8.1.3 | > | External audit report for HSS grant.docx File desc: Date/time: 16/05/2015 01:40:42 Size: 13 KB |
| 22 | HSS Health Sector review report | 8.9.3 | > | HSS Health Sector review report.docx File desc: Date/time: 16/05/2015 01:38:42 Size: 13 KB |
| 23 | Report for Mapping Exercise CSO Type A | 9.1.1 | × | No file loaded |
| 24 | Financial statement for CSO Type B grant (Fiscal year 2014) | 9.2.4 | × | No file loaded |
| 25 | External audit report for CSO Type B (Fiscal Year 2014) | 9.2.4 | × | No file loaded |
| 26 | Bank statements for each cash programme or consolidated bank statements for all existing cash programmes if funds are comingled in the same bank account, showing the opening and closing balance for year 2014 on (i) 1st January 2014 and (ii) 31st December 2014 | 0 | * | Bank Statement for Cash Program.docx File desc: Date/time: 15/05/2015 04:18:13 Size: 13 KB |

| 27 | Minutes ICC meeting endorsing change of vaccine prensentation | 7.7 | × | ICC Meeting Minutes_13 May 14.pdf File desc: Date/time: 15/05/2015 08:21:01 Size: 183 KB |
|----|---|-----|---|--|
| 28 | Justification for changes in target population | 5.1 | × | No file loaded |
| | Other | | × | PIE Improvement Plan.pdf File desc: Date/time: 15/05/2015 04:18:13 Size: 105 KB |