

# MI4A Vaccine Purchase Database

## Instructions for Users

### General Guidance

To search for specific vaccine information, use the sorting or filtering function for each column. The information available in each column is described below. Note that several factors, including Income Level, Presentation, Dosage Number, Procurement Mechanism, Annual Number of Doses, INCO Term, may all have an impact on the Price Per Dose in US Dollars (USD) for each vaccine type / subtype.

For further information on how to interpret the data please refer to **"Factors to consider when comparing vaccine prices"** available on the WHO website:

[https://cdn.who.int/media/docs/default-source/immunization/mi4a/factors\\_to\\_consider.pdf?sfvrsn=7a8f87ed\\_6](https://cdn.who.int/media/docs/default-source/immunization/mi4a/factors_to_consider.pdf?sfvrsn=7a8f87ed_6)

### Description of content:

**Region (column A):** the data is categorized into 6 WHO regions. Countries in each region are listed below.

**AFRO:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, South Africa, Swaziland, Togo, Uganda, United Republic of Tanzania, Zambia, Zimbabwe.

**AMRO:** Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia (Plurinational State of), Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, United States of America, Uruguay, Venezuela (Bolivarian Republic of).

**EMRO:** Afghanistan, Bahrain, Djibouti, Egypt, Iran (Islamic Republic of), Iraq, Jordan, Kuwait, Lebanon, Libyan Arab Jamahiriya, Morocco, Oman, Pakistan, Qatar, Saudi Arabia, Somalia, Sudan, South Sudan, Syrian Arab Republic, Tunisia, United Arab Emirates, Yemen.

**EURO:** Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxembourg, Malta, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, United Kingdom, Uzbekistan.

**SEARO:** Bangladesh, Bhutan, Democratic People's Republic of Korea, India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, Thailand, Timor-Leste.

**WPRO:** Australia, Brunei Darussalam, Cambodia, China, Cook Islands, Fiji, Japan, Kiribati, Lao People's Democratic Republic, Malaysia, Marshall Islands, Micronesia (Federated States of), Mongolia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Taiwan, Tonga, Tuvalu, Vanuatu, Viet Nam.

**Income Level (column B)** the data is categorized into 4 World Bank income levels, according to gross national income (GNI) per capita in US\$, as of July 1, 2020:

- Low-income country (LIC): < 1,046 GNI/Capita (current US\$);
- Lower-middle income country (LMIC): 1,046 – 4,095 GNI/Capita (current US\$);
- Upper-middle income country (UMIC): 4,096 -12,695 GNI/Capita (current US\$);
- High-income country (HIC): > 12,695 GNI/Capita (current US\$);

**Gavi /Non-Gavi (column C):** All countries are categorized according to their eligibility to receive Gavi support for vaccines. Countries who have ever received Gavi support, and/or are currently receiving Gavi support are categorized as Gavi. All other countries are non-Gavi.

**Country Alias (column D):** All reporting countries are identified by an alias which includes their income level and a random number. Country Alias is changed on an annual basis to mask country identity.

**Year (column E):** Refers to the year of vaccine use in the reporting country.

**Vaccine (column F):** Refers to the type of vaccine reported. Vaccine and vaccine subtype are named in full in the Glossary of vaccine and subtype.

**Vaccine Sub-type (column G):** Refers to distinguishing features of vaccines such as inactivation method (live attenuated or inactivated), valency (the number of virus types or serotypes - e.g. HPV bivalent, quadrivalent and ninevalent), or formulation (adult and pediatric formulations).

**Manufacturer (column H):** Refers to the manufacturer of the vaccine. Note: the manufacturer is distinct from the distributor who may be the commercial entity from which the vaccine is purchased.

**Presentation (column I):** Refers to the form of the final container (usually an ampoule, a vial, a prefilled syringe, etc).

**Dosage Number (column J):** Refers to the number of doses contained in a the final container (single dose or multidose).

**WHO PQ (column K):** Refers to whether the reported vaccine is WHO prequalified or not

**Commercial Name (column L):** Refers to the commercial name of the vaccine based on the product information reported by countries. This is to support countries comparing different products.

**Procurement Mechanism (column M):** Refers to the mechanism by which the vaccine was purchased: directly (self-procurement), or through a joint procurement mechanism (pool procurement). Reported pool procurement mechanism are: UNICEF Supply Division (including for Gavi countries) and PAHO Revolving Fund ( for countries in AMRO).

**Contract Length (column N):** Refers to the number of years over which the purchase contract extends.

**Annual Number of Doses (column O):** Refers to the total number of doses purchased in a calendar year.

**Price per Dose in USD (column P):** Refers to the per dose price of the vaccine purchased, converted into US\$ from local currency (if not purchased in US\$).

**INCO Term (column Q):** Refers to the INCO Terms in the purchase contract. INCO Terms should be considered where possible in price comparisons, because different INCO terms account for different costs for the purchaser.

**VAT Percent (column R):** Refers to the Value Added Tax which some countries impose on vaccine purchases. VAT Percent should be considered where possible in price comparisons, because different VAT Percentages account for different costs for the purchaser.

**VAT Name (Column S):** Refers to whether the reported price includes VAT Percentage or not. VAT Note should be considered where possible in price comparisons, because the inclusion or exclusion of VAT from the reported price may account for different costs included in the reported price.

### Disclaimer

Information contained in this database is provided by participating countries that have reported vaccine price and procurement data through the WHO/UNICEF Joint Reporting Form (JRF). Participating countries are solely responsible for the accuracy of the data provided. The information contained in the MI4A database does not in any way imply an endorsement, certification, warranty of fitness or recommendation by WHO of any company or product for any purpose, and does not imply preference over products of a similar nature that are not mentioned. WHO furthermore does not warrant that: (1) the information is complete and/or error free; and/or that (2) the products listed are of acceptable quality, have obtained regulatory approval in any country, or that their use is otherwise in accordance with the national laws and regulations of any country, including but not limited to patent laws. Inclusion of products in the database does not furthermore imply any approval by WHO of the products in question (which is the sole prerogative of national authorities). WHO will not accept any liability or responsibility whatsoever for any injury, death, loss, damage, or other prejudice of any kind that may arise as a result of, or in connection with the procurement, distribution and use of any product listed in this database.