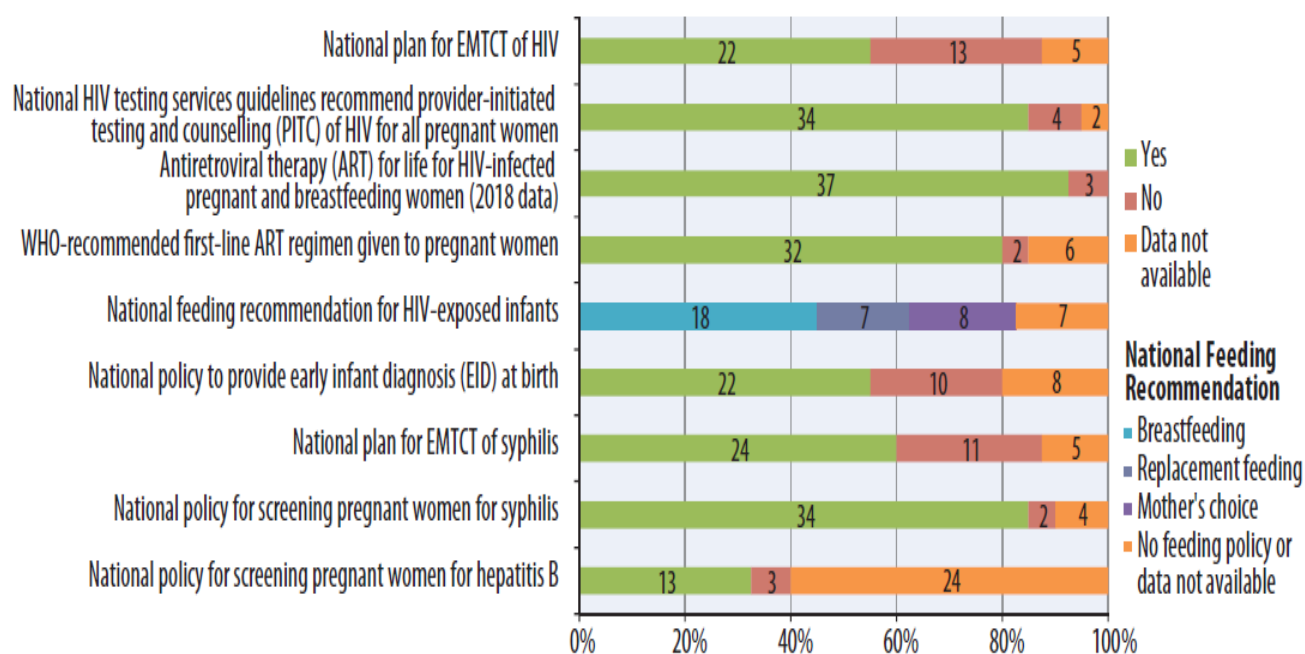


Policies to support EMTCT of HIV, hepatitis B and syphilis

A. Policies to support EMTCT of HIV, hepatitis B and syphilis, Asia Pacific region, 2015–2018



Note: Figures inside the bars indicate the number of countries in each category

Sources:

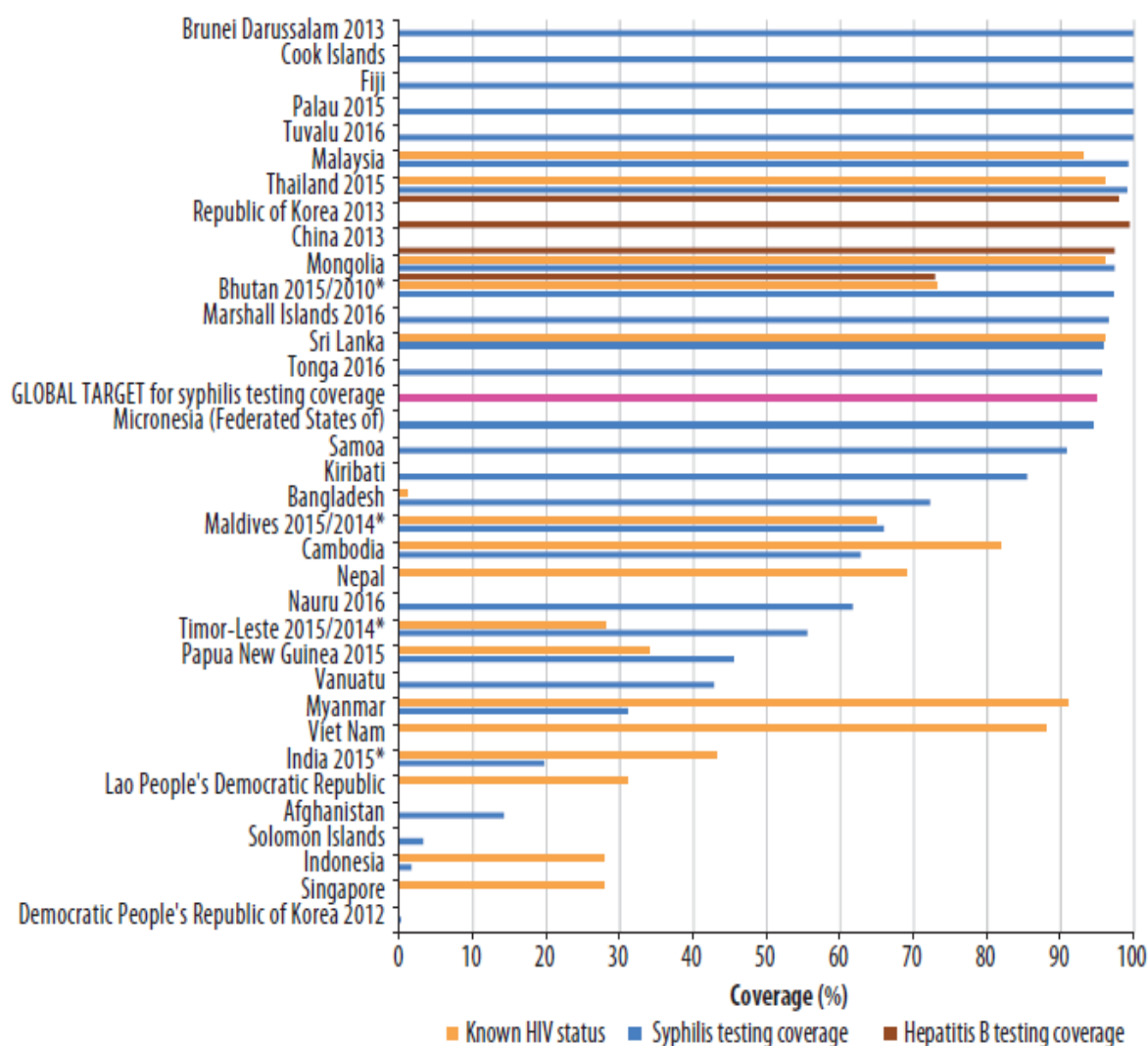
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Expert Consultation on Triple Elimination of Mother-to-Child Transmission of HIV, Hepatitis B and Syphilis in the Western Pacific, Manila, Philippines, 20–21 February 2017. Available from:

http://www.wpro.who.int/hiv/documents/types/reports/triple_elimination_mother_to_child_report/en

B. Screening for HIV, syphilis and hepatitis B among pregnant women, Asia Pacific region, 2010-2017



Data are from 2017 unless otherwise indicated.

Data are sorted by syphilis testing coverage with 95% global target indicated (note: global target is also >95% for known HIV status).

Known HIV status and syphilis testing: No data available for remaining countries.

HBsAg testing: Data available for only China, Mongolia, the Republic of Korea and Thailand.

¹³ Data for the Republic of Korea came from an unpublished Korean study of the liver in 2013.

¹⁴ Data for Mongolia and Thailand were reported at the Informal Consultation on Validation of Elimination of Mother-to-Child Transmission of HIV, Hepatitis B and Syphilis: Developing the Method for Validating Hepatitis B Elimination, 27–28 February 2018.

Sources:

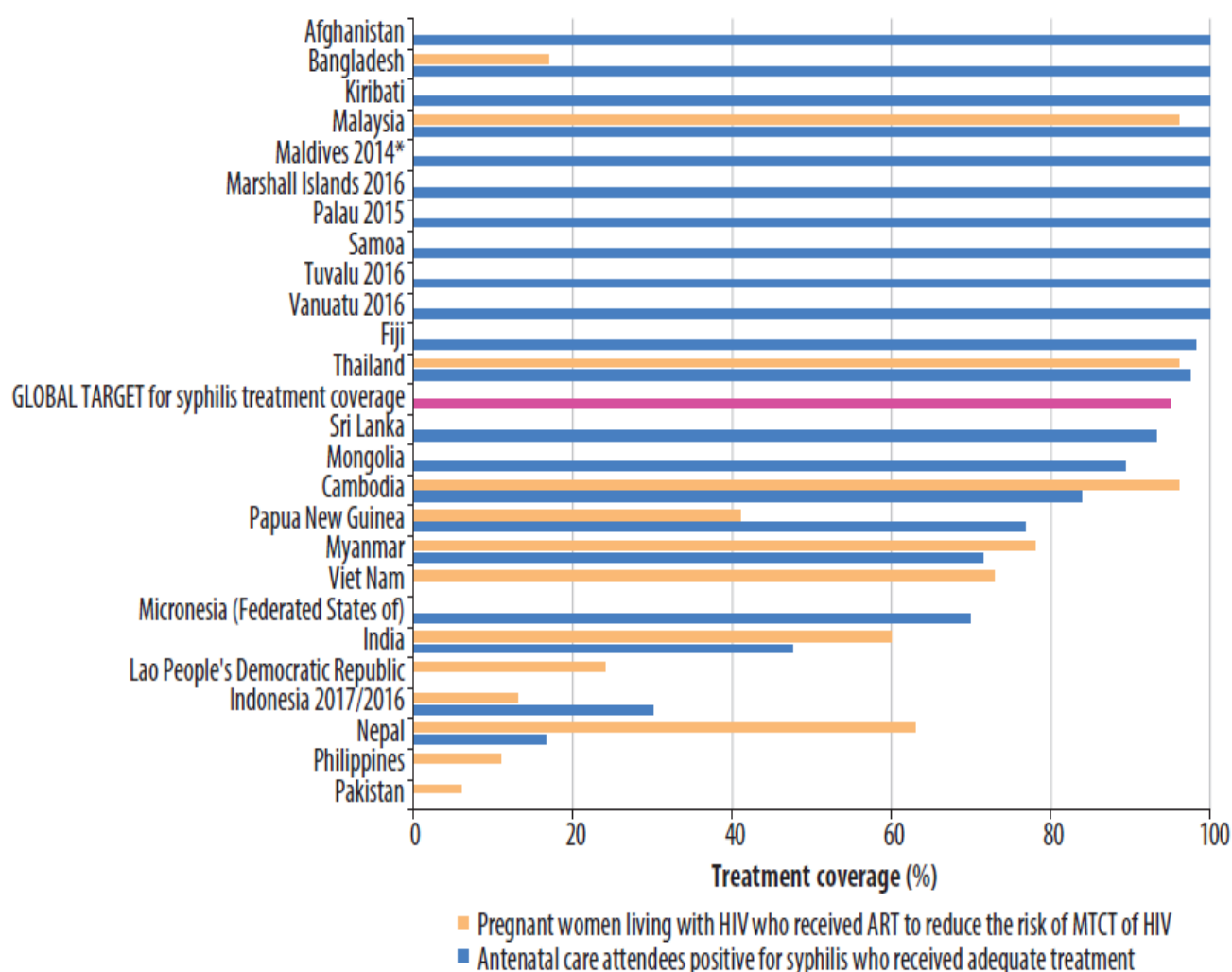
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WHO Regional Office for South-East Asia. Cascade of HIV testing, care and treatment services, 2014 and 2015: country profiles. Available from: <http://www.searo.who.int/entity/hiv/documents/978-92-9022-541-6/en/>

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China: Wang A-L, Qiao Y-P, Wang L-H, Fang L-W, Wang F, Jin X, et al. Integrated prevention of mother-to-child transmission for human immunodeficiency virus, syphilis and hepatitis B virus in China. Bull World Health Organ. 2015 Jan 1; 93(1):52–6; (64) Republic of Korea: Korean study of the liver 2013; Mongolia and Thailand: Informal Consultation on Validation of Elimination of Mother-to-Child Transmission of HIV, Hepatitis B and Syphilis: Developing the Method for Validating Hepatitis B Elimination, 27–28 February 2018.

C. Treatment coverage for HIV and syphilis among pregnant women, Asia Pacific region, 2014-2017



Data are from 2017 unless otherwise indicated.

Data are sorted by syphilis treatment coverage with the global target indicated (note: the global target is also >95% for HIV treatment coverage).

Cook Islands and Tonga reported no cases of HIV- or syphilis-infected pregnant women; the Federated States of Micronesia, the Marshall Islands, Nauru, Palau, Samoa, Tuvalu and Vanuatu reported no cases of HIV-infected pregnant women; no data available for remaining countries.

Sources:

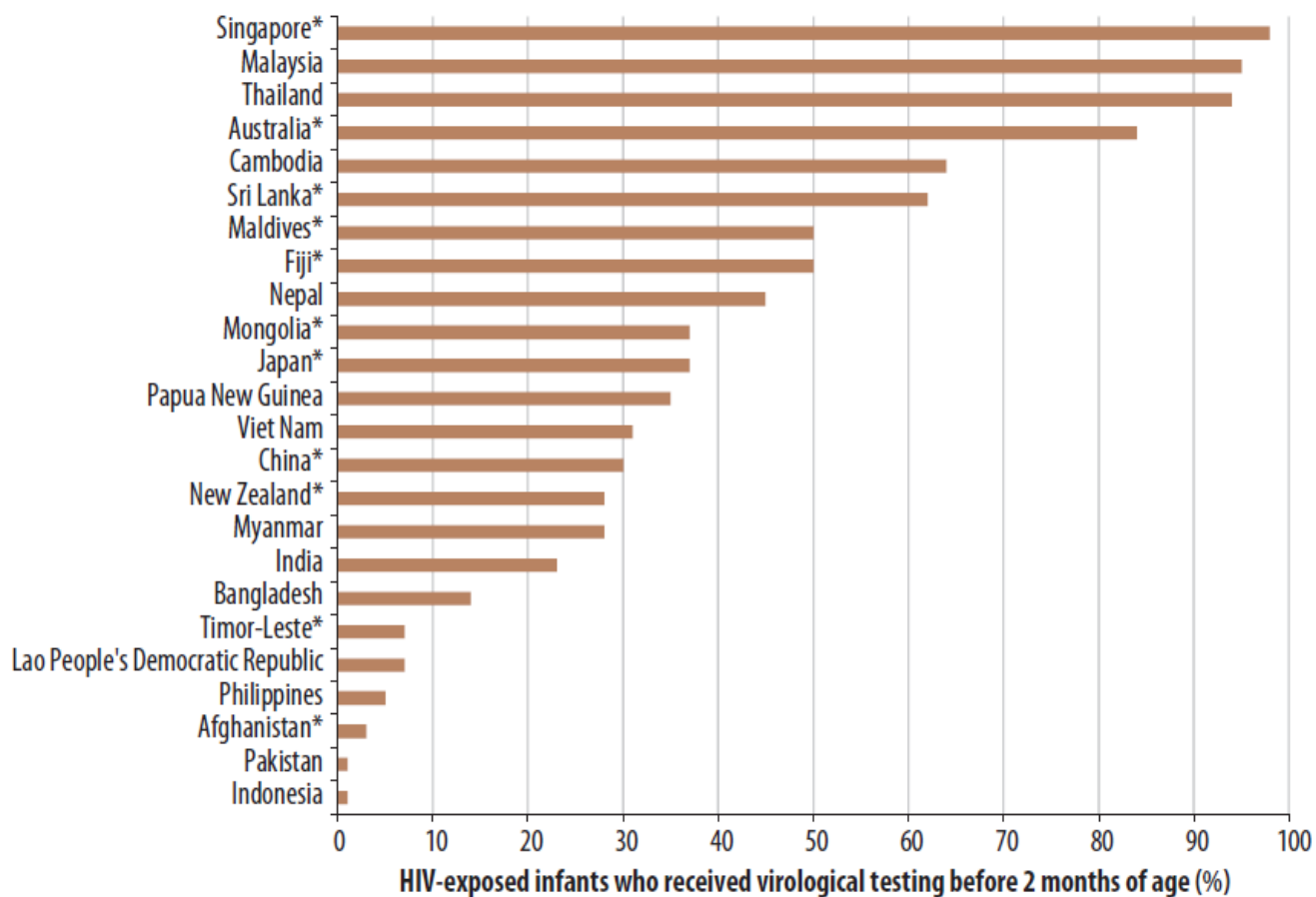
UNAIDS. AIDSinfo. Available from: <http://aidsinfo.unaids.org/>

UNAIDS. Global AIDS Monitoring (GAM) online reporting tool. Available from: <https://aidsreportingtool.unaids.org>

¹⁵ HIV testing and treatment of HIV-infected pregnant women: $r=0.8$, $R^2=0.9$, $P=0.0001$; syphilis testing and treatment at ANC: $r=0.5$, $R^2=0.5$, $P=0.002$

¹⁶ $r=-0.3$, $R^2=0.9$, $P<0.0001$

D. Coverage of early infant diagnosis, Asia Pacific region, 2016-2017



No data available: Bhutan, Brunei Darussalam, Democratic People's Republic of Korea, Kiribati, Niue, Republic of Korea and Solomon Islands.

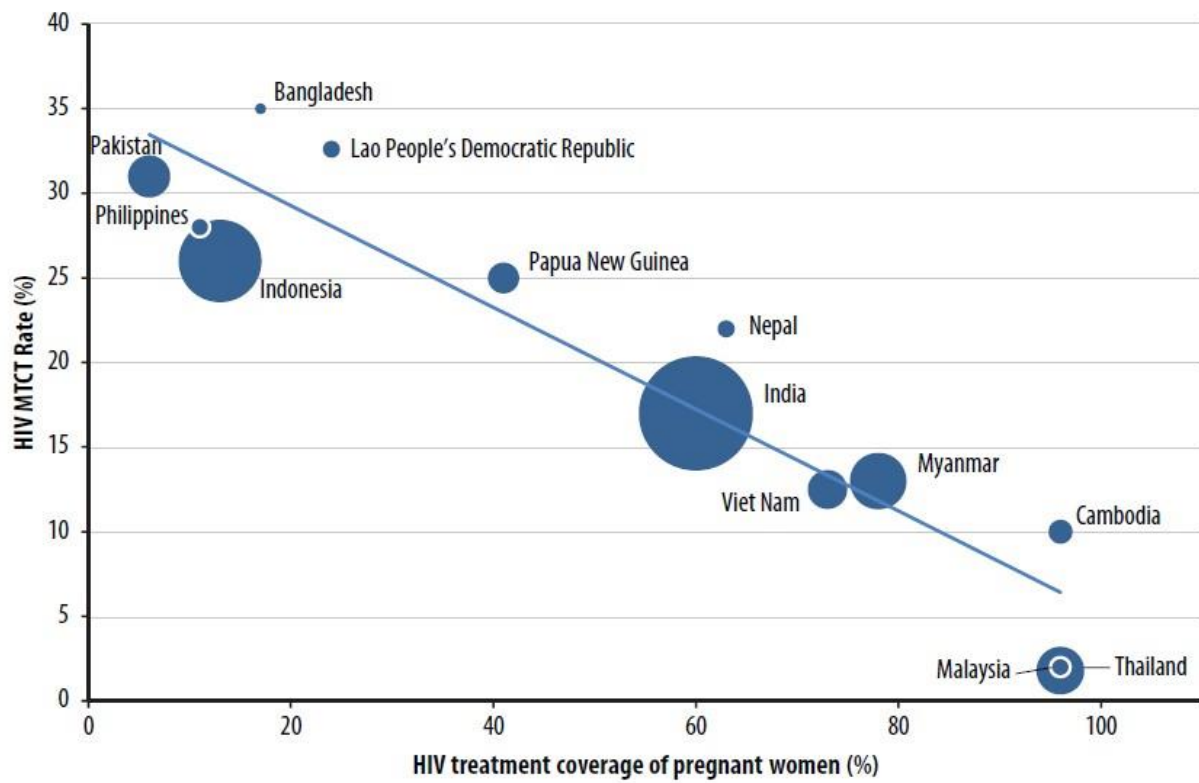
No HIV-exposed infants: Cook Islands, Marshall Islands, Federated States of Micronesia, Nauru, Palau, Samoa, Tonga, Tuvalu and Vanuatu.

Sources:

UNAIDS. AIDSinfo. Available from: <http://aidsinfo.unaids.org/>

* UNAIDS 2017 estimates, July 2017. 2016 data.

E. HIV treatment coverage among pregnant women and HIV MTCT rate, Asia Pacific region, 2017



The bubble size represents the estimated number of pregnant women living with HIV who need ART to prevent MTCT (e.g. Indonesia: 12 000, Afghanistan <200).

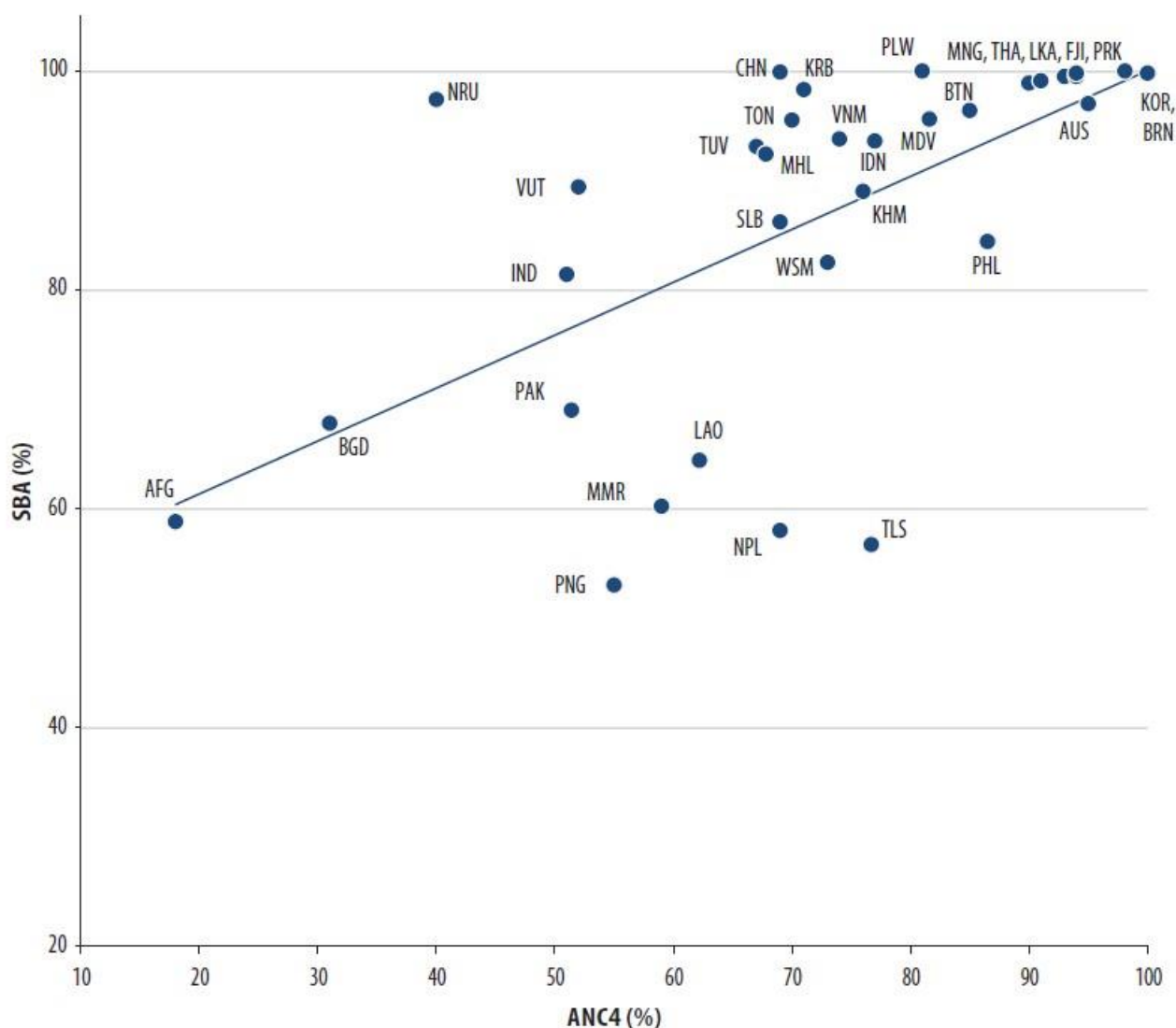
No HIV-exposed infants: Cook Islands, Marshall Islands, Federated States of Micronesia, Nauru, Palau, Samoa, Tonga, Tuvalu and Vanuatu. No data available for the remaining Asia Pacific countries.

$$y = -0.3x + 35.3; R^2 = 0.9$$

Source:

UNAIDS. AIDS info. Available from: <http://aidsinfo.unaids.org/> (2017 data)

F. Relationship between institutional delivery and HepB-BD coverage, Asia Pacific region, 2017



Australia: no birth-dose data available; Japan: no hepatitis B immunization data available; Bangladesh, Nepal and Sri Lanka: no universal birth-dose policy; Japan and New Zealand: birth dose given only to HBsAg-seropositive women or those whose HBsAg status is unknown.

Country codes: AFG, Afghanistan; BTN, Bhutan; BRN, Brunei Darussalam; KHM, Cambodia; CHN, China; COK, Cook Islands; PRK, Democratic People's Republic of Korea; FJI, Fiji; IND, India; IDN, Indonesia; KIR, Kiribati; LAO, Lao People's Democratic Republic; MYS, Malaysia; MDV, Maldives; MHL, Marshall Islands; FSM, Federated States of Micronesia; MNG, Mongolia; NRU, Nauru; PAK, Pakistan; PLW, Palau; PNG, Papua New Guinea; PHL, Philippines; KOR, Republic of Korea; WSM, Samoa; SGP, Singapore; SLB, Solomon Islands; THA, Thailand; TLS, Timor-Leste; TON, Tonga; VUT, Vanuatu; VNM, Viet Nam.

$$y = 1.2x - 21; R^2 = 0.7$$

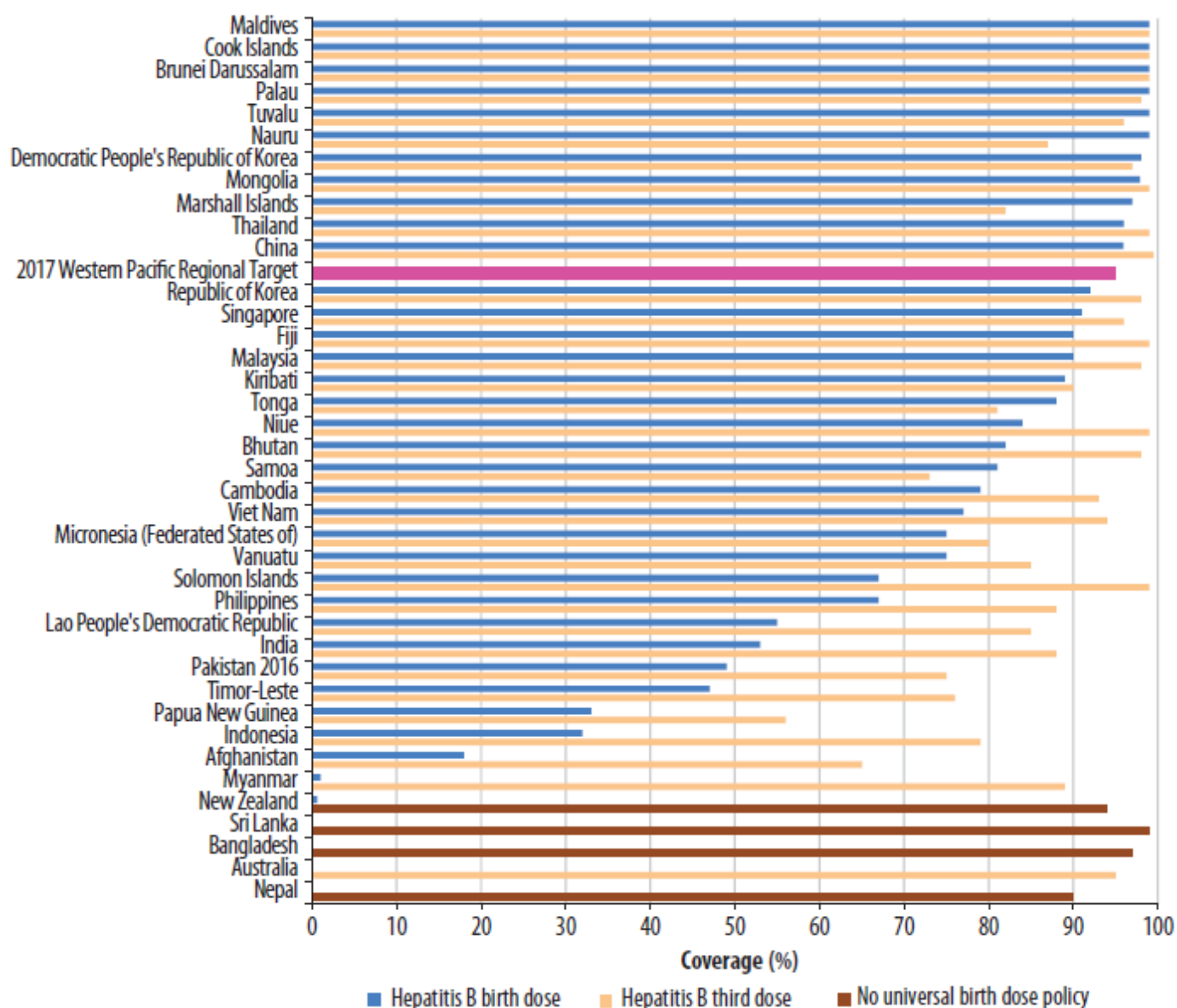
Sources:

UNICEF Data. Monitoring the situation of children and women: delivery care.

Available from: <http://data.unicef.org/topic/maternal-health/delivery-care/> (June 2018 update)

World Health Organization. Data, statistics and graphics: official country reported coverage estimates time series. Available from: http://www.who.int/immunization/monitoring_surveillance/data/en/ (July 2018 update)

G. Coverage of hepatitis B vaccine birth dose and third dose, Asia Pacific region, 2017



Data are from 2017 unless otherwise indicated. Data are sorted by HepB-BD coverage.

Australia: no birth dose data available; Japan: no hepatitis B immunization data available.

Bangladesh, Nepal and Sri Lanka: no universal birth dose policy.

Japan and New Zealand: birth dose given only to HBsAg seropositive women or those whose HBsAg status is unknown.

Source:

World Health Organization. Data, statistics and graphics: official country reported coverage estimates time series. Available from: http://www.who.int/immunization/monitoring_surveillance/data/en/ (July 2018 update)