

# FIVE YEARS AFTER DOHA: ANALYSIS OF THE WHO DATABASE ON ARVs SUMMARY TABLES

**Here are three tables summarizing the data in the WHO's online database on ARV registrations in developing countries:**

- **Table 1: Ratio and index for competition on ARVs, in low-income countries (World Bank classification).**
- **Tableau 2: ARV competition index: distribution by fractiles.**
- **Tableau 3: Ratio and index for competition on ARVs, in all developing countries.**

## **Introduction**

Since 2005, the World Health Organization publishes on-line a database of which HIV medicines are available in which Member State<sup>1</sup>. According to the WHO, a medicine is deemed available if it is registered with the national drug regulation authority (meaning that its been official approved for marketing in the country). This registration process is mandatory in virtually every country in the world, since it is the only thing allowing the government to control which medicines get marketed, and thus to prevent the marketing of bad-quality or dangerous medicines.

From the WHO database, it is possible to make a list of which patented ARVs are available in a given country, and which generic ARVs are *not* available. Based on these figures, one can calculate an « index of competition on ARVs » prevalent in a given country (see methodological explanation in separate document on the Act Up-Paris website). From this per-country index, an average index across developing countries can be derived.

From this analysis, it appears that, **across all developing countries, 74% of ARVs are still under monopoly** – even though the 2001 WTO Declaration on TRIPS and Public Health was supposed to lift the monopolies and ensure global access to competitively priced medicines. In reality, **there is zero competition on ARVs in about half the world's poor countries.**

## **Tables**

**Tableau 1 : Ratio and index for competition on ARVs, in low-income countries (World Bank classification).**

<b>Country</b>	<b>Ratio</b>	<b>Index</b>
Afghanistan	0/3	0
Bangladesh	0/6	0
Bénin	9/16	56,25
Bhoutan	0/4	0

<sup>1</sup> published on-line at [http://www.who.int/hiv/amds/patents\\_registration/drs](http://www.who.int/hiv/amds/patents_registration/drs)

Burkina Faso	7/11	63,63
Burundi	18/18	100
Cambodge	10/15	66,66
République Centrafricaine	7/9	77,77
Tchad	10/13	76,92
Comores	0/6	0
Congo	13/16	81,25
Côte d'Ivoire	11/14	78,57
Erythrée	0/6	0
Ethiopie	8/14	57,14
Gambie	2/14	14,28
Ghana	10/15	66,66
Guinée	4/13	33,33
Guinée-Bissau	0/4	0
Haïti	2/6	33,33
Inde	18/19	94,73
Kenya	11/15	73,33
Kirghizstan	0/5	0
Rép. Dém. du Laos	0/7	0
Libéria	0/6	0
Madagascar	3/10	30
Malawi	12/13	92,30
Mali	9/10	90
Mauritanie	11/14	78,57
Mongolie	0/5	0
Mozambique	0/4	0
Myanmar	13/13	0
Népal	0/4	0
Niger	0/8	0
Nigeria	14/14	100
Pakistan	0/10	0
Papouasie Nvelle Guinée	0/5	0
République Dém. de Corée	0/4	0
Rwanda	0/7	0
Sao Tome et Principe	0/5	0
Sénégal	7/10	70
Sierra Leone	11/14	78,57
Iles Solomon	0/6	0
Somalie	0/4	0
Soudan	7/8	87,5
Tadjikistan	0/5	0
Ouganda	13/17	76,47
Tanzanie	11/12	91,66
Togo	4/11	36,36
Ouzbékistan	0/8	0
Vietnam	1/10	10
Yémen	0/7	0
Zambie	12/14	85,71
Zimbabwe	11/13	84,61
<b>Total</b>	<b>N/A</b>	<b>25,80</b>

**Tableau 2 : ARV competition index : distribution by fractiles.**

<b>Fractiles</b>	<b>Competition index superior to (en %)</b>
9 <sup>ème</sup> décile (90%)	77.77
8 <sup>ème</sup> décile	60
3 <sup>er</sup> quartile (75%)	54.54
7 <sup>ème</sup> décile	44.44
6 <sup>ème</sup> décile	30
5 <sup>ème</sup> décile (50%)	0

Interpretation :

- **over 50% of developing countries have zero ARV under competition**
- only 30% of developing countries have more than 44% of their ARVs under competition
- only 10% of developing countries have more than 77% of their ARVs under competition

**Tableau 3 : Ratio and index for competition on ARVs, in all developing countries**

<b>Countrt</b>	<b>Ratio</b>	<b>Index</b>
Afghanistan	0/3	0
Albanie	0/1	0
Algérie	4/4	100
Angola	0/3	0
Argentine	11/16	68.75
Arménie	0/5	0
Azerbaïdjan	0/5	0
Bahamas	0/7	0
Bahreïn	0/6	0
Bangladesh	0/6	0
La Barbade	0/7	0
Biélorussie	0/3	0
Belize	0/5	0
Bénin	9/16	56.25
Bhoutan	0/4	0
Bolivie	7/11	63.63
Bosnie-Herzégovine	0/2	0
Botswana	0/12	0
Brésil	7/14	50
Bulgarie	0/6	0
Burkina Faso	7/11	63.63

Burundi	18/18	100
Cambodge	10/15	66.66
Cameroun	4/10	40
Cap Vert	0/9	0
République Centrafricaine	7/9	77.77
Tchad	10/13	76.92
Chili	4/10	40
Chine	5/10	50
Colombie	7/12	58.33
Comores	0/6	0
Congo	13/16	81.25
Costa Rica	5/11	45.45
Côte d'Ivoire	11/14	78.57
Croatie	0/5	0
Cuba	0/2	0
Chypre	0/9	0
République Dém. de Corée	0/4	0
RéP. Dém. du Congo	7/14	50
République du Timor	0/6	0
Djibouti	0/7	0
République Dominicaine	2/11	18.18
Equateur	6/11	54.54
Egypte	0/2	0
Salvador	0/7	0
Guinée équatoriale	0/6	0
Erythrée	0/6	0
Estonie	0/11	0
Ethiopie	8/14	57.14
Gabon	9/13	69.23
Gambie	2/14	14.28
Géorgie	3/8	37.5
Ghana	10/15	66.66
GRèce	0/10	0
Guatemala	4/12	33.33
Guinée	4/13	33.33
Guinée-Bissau	0/4	0
Guyana (Surinam)	1/4	25
Haïti	2/6	33.33
Honduras	6/14	42.85
Inde	18/19	94.73
Indonésie	0/8	0
Iran	2/4	50
Israël	0/8	0
Jamaïque	4/9	44.44
Jordanie	0/5	0
Kazakhstan	5/7	71.42
Kenya	11/15	73.33
Kiribati	0/7	0
Koweït	0/5	0
Kirghizstan	0/5	0
Rép. Dém. du Laos	0/7	0

Lettonie	0/9	0
Liban	3/7	42.85
Lesotho	0/3	0
Libéria	0/6	0
Lituanie	0/10	0
Madagascar	3/10	30
Malawi	12/13	92.30
Malaisie	3/10	30
Maldives	0/5	0
Mali	9/10	90
Malte	0/8	0
Mauritanie	11/14	78.57
Maurice	4/10	40
Mongolie	0/5	0
Maroc	5/12	41.66
Mozambique	0/4	0
Myanmar	13/13	0
Namibie	6/12	50
Népal	0/4	0
Nouvelle Zélande	0/8	0
Nicaragua	0/7	0
Niger	0/8	0
Nigeria	14/14	100
Oman	0/5	0
Pakistan	0/10	0
Panama	2/9	22.22
Papouasie Nvelle Guinée	0/5	0
Paraguay	7/10	70
Pérou	4/17	23.52
Philippines	0/8	0
Porto Rico	0/3	0
Qatar	0/6	0
Moldavie	0/2	0
Roumanie	0/7	0
Russie	0/6	0
Rwanda	0/7	0
Samoa	0/7	0
Sao Tome et Principe	0/5	0
Arabie Saoudite	1/4	25
Sénégal	7/10	70
Serbie Monténégro	0/7	0
Seychelles	0/1	0
Sierra Leone	11/14	78.57
Singapore	0/7	0
Slovénie	0/8	0
Iles Solomon	0/6	0
Somalie	0/4	0
Afrique du Sud	8/13	61.53
Sri Lanka	4/7	57.14
Soudan	7/8	87.5
Surinam	0/5	0

Swaziland	0/7	0
Syrie	4/7	57.14
Tadjikistan	0/5	0
Thaïlande	5/11	45.45
Togo	4/11	36.36
Trinidad et Tobago	9/15	60
Tunisie	1/8	12.5
Turkménistan	0/5	0
Tuvalu	0/6	0
Ouganda	13/17	76.47
Ukraine	12/12	100
Emirats Arabes Unis	0/5	0
Tanzanie	11/12	91.66
Uruguay	5/12	41.66
Ouzbékistan	0/8	0
Vanuatu	0/7	0
Venezuela	6/11	54.54
Vietnam	1/10	10
Yémen	0/7	0
Zambie	12/14	85.71
Zimbabwe	11/13	84.61
<b>TOTAL</b>	<b>N/A</b>	<b>26.62</b>