

## Annex V

### Annual legitimate requirements for ephedrine, pseudoephedrine, 3,4-methylenedioxyphenyl-2-propanone and 1-phenyl-2-propanone; substances frequently used in the manufacture of amphetamine-type stimulants

1. In its resolution 49/3, entitled “Strengthening systems for the control of precursor chemicals used in the manufacture of synthetic drugs”, the Commission on Narcotic Drugs:

(a) Requested Member States to provide to the International Narcotics Control Board annual estimates of their legitimate requirements for 3,4-methylenedioxyphenyl-2-propanone (3,4-MDP-2-P), pseudoephedrine, ephedrine and 1-phenyl-2-propanone (P-2-P) and, to the extent possible, estimated requirements for imports of preparations containing those substances that could be easily used or recovered by readily applicable means;

(b) Requested the Board to provide those estimates to Member States in such a manner as to ensure that such information was used only for drug control purposes;

(c) Invited Member States to report to the Board on the feasibility and usefulness of preparing, reporting and using estimates of legitimate requirements for the precursor chemicals and preparations referred to above in preventing diversion.

2. Pursuant to that resolution, the Board formally invited Governments to prepare estimates of their legitimate requirements for those substances. Those estimates, as reported by Governments, were published for the first time in March 2007.

3. The table below reflects the latest data reported by Governments on those four precursor chemicals (and their preparations, as relevant). It is expected that those data will provide the competent authorities of exporting countries with at least an indication of the legitimate requirements of importing countries, thus preventing diversion attempts. Governments are invited to review their requirements as published, amend them as necessary and inform the Board of any required change. The data are current as at 1 November 2019; for updates, see the Board’s website.

## Annual legitimate requirements as reported by Governments for imports of ephedrine, pseudoephedrine, 3,4-methylenedioxyphenyl-2-propanone, 1-phenyl-2-propanone and their preparations, as at 1 November 2019

Country or territory	Ephedrine (kilograms)	Ephedrine preparations (kilograms)	Pseudoephedrine (kilograms)	Pseudoephedrine preparations (kilograms)	3,4-MDP-2-P <sup>a</sup> (litres)	P-2-P <sup>b</sup> (litres)
Afghanistan	0	50	1 000	2 000	0	0
Albania	40	3	10	3	0	0
Algeria	20		17 000		0	1
Argentina	54	0	19 044	144	0	0
Armenia	0	0	0	0	0	0
Ascension Island	0	0	0	0	0	0
Australia	5	8	4 800	1 680	0	1
Austria	272	22	200	1	1	1
Azerbaijan	20		10		0	0
Bahrain	1	10	1	4 000	0	0
Bangladesh	200		0		0	0
Barbados	200		200	58	0 <sup>c</sup>	
Belarus	0	25	20	20	0	0
Belgium	600	100	9 000	8 000	0	5
Belize			P	P	0 <sup>c</sup>	
Benin	2	5	8	35	0 <sup>c</sup>	
Bhutan	0	2	0	0	0	0
Bolivia	25	1	5 360	2 100	0	0
Bosnia and Herzegovina	25	2	9 405	1 784	0	0
Botswana	300				0 <sup>c</sup>	
Brazil	2 000 <sup>d</sup>	0	38 000 <sup>d</sup>	0	0	0
Brunei Darussalam	0	1	0	145	0	0
Bulgaria	500	296	20	0	0	0
Burundi		5		15	0 <sup>c</sup>	
Cabo Verde	0	1	0	0	0	0
Cambodia	200	50	300	900	0 <sup>c</sup>	
Cameroon	25			1	0 <sup>c</sup>	
Canada	7 000	10	30 000	25 000	1	1
Chile	30	0	10 000	350	0	0
China	18 000		100 000		0 <sup>c</sup>	
China, Hong Kong SAR	1 101	0	4 726	0	0	0
China, Macao SAR	1	10	1	159	0	0

<i>Country or territory</i>	<i>Ephedrine (kilograms)</i>	<i>Ephedrine preparations (kilograms)</i>	<i>Pseudoephedrine (kilograms)</i>	<i>Pseudoephedrine preparations (kilograms)</i>	<i>3,4-MDP-2-P<sup>a</sup> (litres)</i>	<i>P-2-P<sup>b</sup> (litres)</i>
<i>Christmas Island</i>	0	0	0	1	0	0
<i>Cocos (Keeling) Islands</i>	0	0	0	0	0	0
Colombia	0 <sup>e</sup>	0 <sup>f</sup>	4 104 <sup>e</sup>	P	0	0
Cook Islands	0	0	0	1	0	0
Costa Rica	0	0	625	91	0	0
Côte d'Ivoire	30	1	0	400	0	0
Croatia	40	1	5	1	1	1
Cuba	200			6	0 <sup>c</sup>	
<i>Curaçao</i>	0		0		0	0
Cyprus	10	10	600	400	0	0
Czechia	313	6	476	374	0	1
Democratic People's Republic of Korea	50	1 200			4	
Democratic Republic of the Congo	275	8	720	487	0 <sup>c</sup>	
Denmark					0	400
Dominican Republic	75	6	300	500	0	0
Ecuador	5	8	1 200	2 135	0	0
Egypt	4 500	0	63 000	2 500	0	0
El Salvador	P 6 <sup>g</sup>	P 6 <sup>g</sup>	P	P	0	0
Eritrea	0	0	0	0	0	0
Estonia	3	5	1	500	0	0
Ethiopia	1 000			100	0 <sup>c</sup>	
<i>Falkland Islands (Malvinas)</i>	0	1	0	1	0 <sup>c</sup>	0
<i>Faroe Islands</i>	0	0	0	0	0	0
Fiji		1			0 <sup>c</sup>	
Finland	3	50	0	650	0	1
France	1 600	10	26 000	500	0	0
Gambia	0	0	0	0	0	0
Georgia	1	1	1	1	1	1
Germany	400 <sup>d</sup>		5 000 <sup>d</sup>		1	7
Ghana	4 500	300	3 000	200	0	0
Greece	0	0	2 000	0	0	0
<i>Greenland</i>	0	0	0	0	0	0
Guatemala	0		P	P	0	0
Guinea	36				0 <sup>c</sup>	
Guinea-Bissau	0	0	0	0	0	0
Guyana	120	50	120	30	0	0

<i>Country or territory</i>	<i>Ephedrine (kilograms)</i>	<i>Ephedrine preparations (kilograms)</i>	<i>Pseudoephedrine (kilograms)</i>	<i>Pseudoephedrine preparations (kilograms)</i>	<i>3,4-MDP-2-P<sup>a</sup> (litres)</i>	<i>P-2-P<sup>b</sup> (litres)</i>
Haiti	200	1	350	11	0	0
Honduras	P	P 2 <sup>f</sup>	P	P	0	0
Hungary	1 000	0	31	0	1	1 000
Iceland	0	0	0	0	0	0
India	773 201	112 729	63 953	193 801	0	0
Indonesia	13 000	1	52 000	6 200	0	0
Iran (Islamic Republic of)	2	1	17 000	1	1	1
Iraq	3 000	100	14 000	10 000	0	P <sup>h</sup>
Ireland	0	25	1	1 252	0	0
Israel	28	0	5 000	350	0 <sup>c</sup>	
Italy	100	100	10 000	30 000	0	0
Jamaica	70	150	550	300	0	0
Japan	5 000		12 000		0 <sup>c</sup>	
Jordan	100		40 000		0	P
Kazakhstan	11	1	10	1	1	1
Kenya	1 500	2 000	1 500	2 000	0	0
Kyrgyzstan	0	1 000	0	5 000	0	0
Lao People's Democratic Republic	0	0	0	0	0	0
Latvia	23	15	45	180	0	0
Lebanon	25	2	800	800	0	0
Lithuania	0	1	0	700	0	1
Luxembourg	1	0	0	0	0	0
Madagascar	123	35	1	135	0	0
Malawi	1 000				0 <sup>c</sup>	
Malaysia	42	20	4 500	5 000	0	0
Maldives	0	1	0	0	0	0
Mali	P	P	P	P	P	P
Malta	0	220	0	220	0	0
Mauritius	0	1	0	130	0	0
Mexico	P 231 <sup>g</sup>	P <sup>g</sup>	P	P	0	0
Monaco	0	0	0	0	0	0
Mongolia	0	0	0	0	0	0
Montenegro	0	2	0	200	0	0
Montserrat	0	0	0	1	0	0
Morocco	41	16	2 529	0	0	0
Mozambique	3				0 <sup>c</sup>	
Myanmar	15	25	0	0	0	0

<i>Country or territory</i>	<i>Ephedrine (kilograms)</i>	<i>Ephedrine preparations (kilograms)</i>	<i>Pseudoephedrine (kilograms)</i>	<i>Pseudoephedrine preparations (kilograms)</i>	<i>3,4-MDP-2-P<sup>a</sup> (litres)</i>	<i>P-2-P<sup>b</sup> (litres)</i>
Namibia	0	0	0	0	0	0
Nepal		1	5 000		0 <sup>c</sup>	
Netherlands	200	50	1 675	0	0	1
New Zealand	120	0	1 000		0	3
Nicaragua	P <sup>i</sup>	P <sup>i</sup>	P	P	0	0
Nigeria	9 650	500	5 823	15 000	0	0
<i>Norfolk Island</i>	0	0	0	0	0	0
Norway	30		1	1	0	1
Oman	1	1	228	443	0 <sup>c</sup>	
Pakistan	8 400		52 800	500	0 <sup>c</sup>	
Panama	0	5	200	200	0	
Papua New Guinea	1		200		0	0
Paraguay	0	0	2 500	0	0	0
Peru	45	0	2 524	1 078	0	0
Philippines	50	0	100	0	0	0
Poland	310	100	7 500	3 000	3	4
Portugal	13	0	700	0	0	0
Qatar	0	2	0	800	0	0
Republic of Korea	37 274		38 192		0	198
Republic of Moldova	0	1	326	199	0	0
Romania	118	10	870	0	0	1
Russian Federation	1 500				0 <sup>c</sup>	
Rwanda		10		10	2	2
<i>Saint Helena</i>	0	1	0	1	0	0
Saint Lucia	0	6	0	15	0	0
Saint Vincent and the Grenadines	0	2	0	2	0	0
Sao Tome and Principe	0	0	0	0	0	0
Saudi Arabia	1	0	40 000	0	0	0
Senegal	123	1	0	130	0	0
Serbia	1.8	1	2 214	627	0	1
Seychelles		1		1	0 <sup>c</sup>	
Sierra Leone	70	10 000				
Singapore	7 000	45	25 000	2 800	1	1
Slovakia	58	1	1	1	0	0
Slovenia	374	23	250	246	0	0
Solomon Islands	0	1	0	1	0	0

<i>Country or territory</i>	<i>Ephedrine (kilograms)</i>	<i>Ephedrine preparations (kilograms)</i>	<i>Pseudoephedrine (kilograms)</i>	<i>Pseudoephedrine preparations (kilograms)</i>	<i>3,4-MDP-2-P<sup>a</sup> (litres)</i>	<i>P-2-P<sup>b</sup> (litres)</i>
South Africa	1 544	22	10 554	681	0	0
South Sudan	750		1 500		0 <sup>c</sup>	
Spain	234		10 198		0	3 193
Sri Lanka	0	0	0	0	0	0
Sudan	500	1 000	2 000	3 500	0	
Suriname		1			0 <sup>c</sup>	
Sweden	209	175	1	1	1	11
Switzerland	1 500	5	85 000	200	10	5
Syrian Arab Republic	1 000		50 000		0 c	
Tajikistan	38				0 <sup>c</sup>	
Thailand	60	0	3 600	0	0	5
Trinidad and Tobago					0 <sup>c</sup>	0
<i>Tristan da Cunha</i>	0	0	0	0	0	0
Tunisia	2	12	3 000	1	0	30
Turkey	250	0	32 000	200	0	0
Turkmenistan	0	0	0	0	0	0
Uganda	1 000	35	5 500	800	0 <sup>c</sup>	0
Ukraine	0	67	23	0	0	0
United Arab Emirates	0	0	1 533	3 894	0	0
United Kingdom of Great Britain and Northern Ireland	1 503	27	37 690	20 002	0	2
United Republic of Tanzania	100	1 500	2 000	200	0 <sup>c</sup>	
United States of America	4 183		180 001		0 <sup>c</sup>	53 436
Uruguay	21	0	0	0	0	0
Uzbekistan	0	0	0	0	0	0
Venezuela (Bolivarian Republic of)	60	0	2 075	0	0	0
Yemen	200	200	5 000	1 000	0 <sup>c</sup>	
Zambia	50	25	50	100	0 <sup>c</sup>	
Zimbabwe	25	1	400	50	0	0

*Notes:* The names of territories, departments and special administrative regions are in italics.

A blank field signifies that no requirement was indicated or that data were not submitted for the substance in question.

A zero (0) signifies that the country or territory currently has no licit requirement for the substance.

The letter "P" signifies that importation of the substance is prohibited.

Reported quantities of less than 1 kg have been rounded up and are reflected as 1 kg.

<sup>a</sup>3,4-Methylenedioxyphenyl-2-propanone.

<sup>b</sup>1-Phenyl-2-propanone.

<sup>c</sup>The Board is currently unaware of any legitimate need for the importation of this substance into the country.

<sup>d</sup>Including the licit requirements for pharmaceutical preparations containing the substance.

<sup>e</sup>The required amount of ephedrine is to be used for the manufacture of injectable ephedrine sulphate solution. The required amount of pseudoephedrine is to be used exclusively for the manufacture of medicines for export.

<sup>f</sup>In the form of injectable ephedrine sulfate solution.

<sup>g</sup>Imports of the substance and preparations containing the substance are prohibited, with the exception of the imports of injectable ephedrine preparations and ephedrine as a prime raw material for the manufacture of such ephedrine preparations. Pre-export notification is required for each individual import.

<sup>h</sup>Includes products containing P-2-P.

<sup>i</sup>Imports of the substance and preparations containing the substance are prohibited, with the exception of the imports of injectable ephedrine preparations and ephedrine as a prime raw material for the manufacture of such ephedrine preparations. Such import requires an import permit.