

Cocaine

Global illicit cultivation of coca bush, 2003-2014 (hectares)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Bolivia (Plurinational State of)	23,600	27,700	25,400	27,500	28,900	30,500	30,900	31,000	27,200	25,300	23,000	20,400
Colombia ^a	86,000	80,000	86,000	78,000	99,000	81,000	73,000	62,000	64,000	48,000	48,000	69,000
Peru ^b	44,200	50,300	48,200	51,400	53,700	56,100	59,900	61,200	64,400			
Peru ^c									62,500	60,400	49,800	42,900
Total	153,800	158,000	159,600	156,900	181,600	167,600	163,800	154,200	155,600^d	133,700	120,800	132,300

Sources: Plurinational State of Bolivia: 2002: CICAD and United States Department of State, INCSR. Since 2003: national illicit crop monitoring system supported by UNODC. Colombia: national illicit crop monitoring system supported by UNODC. Peru: national illicit crop monitoring system supported by UNODC.

Note: Different area concepts and their effect on comparability were presented in the World Drug Report 2012 (p. 41-42). Efforts to improve the comparability of estimates between countries continue; since 2011 the net area under coca bush cultivation on the reference date of 31 December was estimated for Peru, in addition to Colombia. The estimate presented for the Plurinational State of Bolivia represents the area under coca cultivation as seen on satellite imagery.

a Net area on 31 December. Estimates from 2009 onwards were adjusted for small fields, while estimates for previous years did not require that adjustment.

b Area as interpreted from satellite imagery.

c Net area on 31 December, deducting fields eradicated after satellite imagery was taken.

d The global coca cultivation figure was calculated with the "area as interpreted on satellite imagery" for Peru.

Reported cumulative eradication of coca bush, 2006-2014

	Unit	2006	2007	2008	2009	2010	2011	2012	2013	2014
Bolivia (Plurinational State of)	manual hectare	5,070	6,269	5,484	6,341	8,200	10,460	11,044	11,407	11,144
Colombia	manual hectare	41,346	66,392	96,003	60,565	43,804	35,201	30,487	22,127	12,496
	spraying hectare	172,026	153,134	133,496	104,771	101,939	103,302	100,549	47,053	55,554
Peru	manual hectare	9,153	10,188	11,102	10,091	12,239	10,290	14,235	23,947	31,200
Ecuador	manual hectare	9	12	12	6	3	14			
Ecuador	plants	64,000	130,000	152,000	57,765	3,870	55,030	122,656	41,996	15,874
Venezuela (Bolivarian Republic of)	manual hectare	0	0	0	0	..	..	..	..

Source: UNODC annual report questionnaire and government reports.

Note: The totals for Bolivia (Plurinational State of) since 2006 include voluntary and forced eradication. The totals for Peru include voluntary and forced eradication. Cumulative eradication refers to the sum of all eradication in a year, including repeated eradication of the same fields. Two dots indicate that data are not available.

Potential manufacture of 100 per cent pure cocaine, 2006-2014 (tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014
Bolivia (Plurinational state of)	94	104	113	..	..	..	..	..	..
Colombia a	660	630	450	488	424	384	333	290	442
Range							240-377	249-331	345-540
Peru	280	290	302	...	..	..	..	..	..
Total based on "old" conversion ratios*	1,034	1,024	865	842	788	776	714	662	746
Total based on "new" conversion ratios*	1,232	1,234	1,122	1,111	1,060	1,051	973	902	943

Sources: Plurinational State of Bolivia: Own calculations based on UNODC (Yungas of La Paz) and DEA scientific studies (Chapare) coca leaf yield surveys. Colombia: National illicit crop monitoring system supported by UNODC and DEA scientific studies. Because of the introduction of an adjustment factor for small fields, estimates since 2010 are not directly comparable with previous years. Because of the introduction of an adjustment factor for small fields, estimates since 2010 are not directly comparable with previous years. Taking into account the incorporation (in 2013) of two adjustments to the methodological processes used to calculate coca production in Colombia with a view to improving accuracy (the permanence factor, which improves estimates of production area, and the differentiated cocaine base conversion factor, which takes account of emerging trends in the alkaloid extraction process), the continuity of the historical data is affected. Data from 2009 onwards have been adjusted. Peru: Own calculations based on coca leaf to cocaine conversion ratio from DEA scientific studies. Detailed information on the ongoing revision of conversion ratios and cocaine laboratory efficiency is available in the *World Drug Report 2010* (p. 249).

Note: *Conversion of hectares under coca cultivation into coca leaf and then into cocaine HCl, taking yields, amounts of coca leaf used for licit purposes and cocaine laboratory efficiency into account. Because of the ongoing review of conversion factors in Bolivia (Plurinational State of) and Peru, no final estimates of the level of cocaine production can be provided. Figures in italics are being reviewed. Two dots indicate that data are not available. Information on estimation methodologies and definitions can be found in the online methodology section of the present report.

Global cocaine interception rates,* 2014

	Global cocaine production estimates (tons), based on:		Global cocaine seizures (tons)		Global interception rate* (percentage)	
	"old" conversion ratios	"new" conversion ratios	As reported (at "street purity")	(Wholesale-) purity adjusted seizures (100% pure substance), based on: "unweighted" average of reported purities (62%)** average of purities 'weighted' by seizures (69% for cocaine HCL/ 73% for all cocaine)		
Production of cocaine (100% pure), in tons	746	943				
Seizures of cocaine HCl, in tons			566	351	390	
Interception rate						
- Best estimate		a			b	43
- Minimum		a		b		37
- Maximum	a				b	55
Seizures of cocaine HCl, cocaine paste, cocaine base and crack-cocaine, in tons			655	406	507	
Interception rate						
- Best estimate		a			b	54
- Minimum		a		b		43
- Maximum	a				b	68

Source: Coca cultivation surveys in Colombia, Peru and the Plurinational State of Bolivia, 2014 and UNODC, annual report questionnaire data.

Note: Calculation of interception rate = b/a (for example $507/943 = 54$ per cent). *Seizures adjusted for wholesale purity divided by cocaine production estimates. ** Calculation based on wholesale purity information from 63 countries or latest year available over the 2005-2014 period (information from 23 countries reporting in 2014, 23 over the 2010-13 period and 17 over the 2005-2009 period).