

E. Country long term trends



[[Updated February 28, 2013]]

Table 1 presents average crop area, yield, and production values for maize, rice, wheat, and soybean for the years 2010-2012 based on FAOSTAT (1). The table covers the 31 key countries (including China) that are the focus of CropWatch analyses, along with countries that are part of the six Major Production Zones. Colors indicate significant trends based on statistics for 2001-2012, showing increasing trends at 0.05 and 0.01 levels of significance. Positive (increasing) trends are in **blue** ($p \leq 0.01$) and **green** ($p \leq 0.05$), while negative (decreasing) trends are shown in **orange** ($p \leq 0.05$) and **red** ($P \leq 0.01$). No color indicates trends are not significant. No values indicate cultivated areas are nil or insignificant.

This map was first included in the [November 2013 CropWatch bulletin](#).

Table 1. Crop area, yield, production values and their 2001-2012 trends by country

		Maize			Rice			Wheat			Soybean		
		Area	Yield	Prod	Area	Yield	Prod	Area	Yield	Prod	Area	Yield	Prod
ARG	Argentina	3449	6.63	22558	236	6.41	1520	3962	3.19	12858	18151	2.6	47219
AUS	Australia	64	5.92	378	66	9.62	613	13637	1.94	26484	29	1.96	58
AUT	Austria	213	10.93	2324				305	5	1525	37	2.81	103
BEN	Benin	892	1.26	1118	56	3.31	188				18	0.81	15
BGD	Bangladesh	172	6.19	1068	11694	3.83	44859	369	2.59	956	41	1.63	67
BLR	Belarus	162	5.52	906				653	3.26	2142			
BRA	Brazil	13365	4.53	60699	2630	4.6	12088	2078	2.6	5427	24090	2.9	69807
CAN	Canada	1268	9	11369				8722	2.88	25147	1563	2.87	4487
CHN	China	33664	5.72	192779	30076	6.66	200349	24222	4.86	117724	7718	1.83	14123
CIV	Côte d'Ivoire	329	1.94	639	387	1.85	717				1	1.02	1
CZE	Czechia	112	7.09	794				837	5	4198	8	2.12	16
DEU	Germany	487	9.73	4749				3202	7.22	23113	1	1.67	2
DNK	Denmark							708	6.82	4805			
EGY	Egypt	966	7.59	7337	558	9.51	5305	1303	6.23	8127	11	3.47	35
ESP	Spain	357	10.96	3920	119	7.64	912	1901	3.05	5823	1	2.4	2
ETH	Ethiopia	2010	2.85	5738	34	2.94	100	1539	1.99	3069	21	1.75	38
FRA	France	1632	9.3	15167	21	5.73	122	5687	6.74	38167	43	2.83	121
GBR	UK							1967	7.36	14465			
GHA	Ghana	1019	1.8	1835	189	2.53	479						
GIN	Guinea	487	1.25	611	896	1.89	1696						
GNB	Guinea-Bissau	14	0.75	10	105	1.86	194						
HUN	Hungary	1166	5.65	6573	3	3.25	9	1017	3.81	3864	40	2.08	83
IDN	Indonesia	3984	4.63	18445	13299	5.04	67085				617	1.41	868

		Maize			Rice			Wheat			Soybean		
		Area	Yield	Prod	Area	Yield	Prod	Area	Yield	Prod	Area	Yield	Prod
IND	India	8554	2.52	21515	43111	3.51	151488	29142	3	87519	10178	1.2	12150
IRN	Iran	388	5.74	2038	539	5.04	2720	6804	1.94	13213	75	2.36	178
ITA	Italy	967	9.11	8814	247	6.2	1530	1814	3.9	7086	159	3.21	513
KAZ	Kazakhstan	98	5	488	93	3.82	357	13096	1.06	14071	72	1.92	139
KHM	Cambodia	240	3.62	814	2918	3.01	8772				82	1.61	130
LAO	Laos	207	5.23	1081	869	3.69	3209				7	1.58	11
LBR	Liberia				251	1.18	295				7	0.42	3
LKA	Sri Lanka	56	2.98	167	1047	3.84	4014				3	1.45	4
MDA	Moldova	443	2.65	1154				314	2.17	678	58	1.37	79
MEX	Mexico	6714	3.12	21002	36	5.3	190	640	5.52	3526	150	1.38	207
MLI	Mali	676	2.35	1472	711	2.85	1987	10	3.27	33	3	0.68	2
MMR	Myanmar	405	3.59	1454	7909	3.98	31530	100	1.81	181	163	1.43	233
MYS	Malaysia	9	5.73	53	686	3.79	2597						
NGA	Nigeria	5119	1.73	8756	2566	1.8	4624	85	1.48	125	487	0.99	476
NPL	Nepal	884	2.3	2034	1503	3	4519	755	2.27	1716	28	0.95	26
PAK	Pakistan	1047	4.01	4203	2546	3.37	8610	8899	2.7	23999	0	0.68	0
PHL	Philippines	2546	2.72	6918	4527	3.71	16830				1	1.34	1
POL	Poland	392	6.76	2701				2247	4.07	9145	0	1.56	1
PRY	Paraguay	812	3.91	3178	70	5.23	368	572	2.49	1422	2826	2.85	8040
ROU	Romania	2468	3.68	8904	12	4.87	59	2030	3.01	6080	71	1.9	132
RUS	Russia	1522	3.86	6087	200	5.29	1056	22584	1.99	45156	1200	1.32	1595
SLE	Sierra Leone	40	1.26	51	588	1.85	1085						
TGO	Togo	544	1.21	661	52	2.46	128				4	0.41	1
THA	Thailand	1122	4.31	4830	12221	2.94	35991	1	0.99	1	93	1.91	178
TUR	Turkey	602	7.26	4370	106	8.36	880	7910	2.6	20525	27	3.73	101
UKR	Ukraine	3521	5.25	18584	28	5.66	159	6190	2.94	18313	1186	1.79	2118
URY	Uruguay	105	4.35	455	180	7.78	1405	449	3.16	1439	952	2.36	2277
USA	US	34103	8.86	301315	1202	7.94	9488	19198	3.06	58744	30553	2.8	85617
UZB	Uzbekistan	35	6.66	232	44	3.94	149	1399	4.71	6590			
VNM	Viet Nam	1122	4.23	4749	7633	5.5	42022				167	1.48	247
ZAF	South Africa	2752	4.27	11668	1	2.6	3	558	3.21	1783	400	1.63	642

Source: All data and trends were computed based on FAOSTAT (1).

REFERENCES

(1) FAO, FAOSTAT, faostat.fao.org.



Institute of Remote Sensing and Digital Earth
Chinese Academy of Sciences

