

PESTICIDES CONSUMER-ENVIRONMENTAL INDEXING SYSTEM (PCE-ISys)

AVERAGED MODEL INPUT AND OUTPUT DATA TABLE



Time-Series Averaged PCE-ISys Input and Output Variables, and Averaged Total Exposure Potential (by country)

COUNTRY	YEAR	AVG PESTICIDES USE RATE	AVG CROP PROD INDEX	AVG AGR LAND AREA	AVG POPULATION	AVG PCPr	AVG FLAC	AVG EIRIS
Albania	1990-2016	0.489259259	108.1062963	108396.2962	3050069.111	0.004465859	0.035363317	14.62962963
Algeria	1990-2016	0.514814815	93.0637037	731388.8889	32641247.81	0.006493688	0.02208743	14.62962963
Angola	1990-2016	0.012222222	100.9118519	364814.8148	18984656.44	0.000226942	0.021907636	11.51851852
Antigua and Barbuda	1990-2016	2.577777778	106.2525926	1000	79005.55556	0.023994591	0.012860726	14.11111111
ARGENTINA	1990-2016	3.439259259	93.22925926	1006296.296	38076980.48	0.034596461	0.025680085	17.96296296
Armenia	1990-2016	0.3684	88.8216	51111.99997	3038261.72	0.003528097	0.01685454	14.28
AUSTRALIA	1990-2016	1.447037037	88.42666667	301740.7407	20174831.7	0.01692464	0.014763999	15.59259259
Austria	1990-2016	2.455555556	94.13037037	70246.66737	8164304.259	0.026248762	0.008629247	15.51851852
Azerbaijan	1990-2016	0.1192	90.8048	245483.999	8463156.96	0.001257197	0.029399269	13.16
Bahrain	1990-2016	2.427037037	100.7281481	3011.111118	879958.4074	0.025495484	0.003852945	14.62962963
Bangladesh	1990-2016	0.836666667	99.56074074	599629.6296	132774580.1	0.007262215	0.004389611	12.48148148
Barbados	1990-2016	17.22692308	98.74923077	1000	274583.8077	0.18730739	0.00364487	17.46153846
Belarus	1990-2016	0.8188	91.8948	127488.0002	9790951.6	0.009186187	0.012998523	15.48
Belgium	1990-2016	8.558235294	97.11823529	21547.05878	10755381.18	0.088245496	0.002003738	15.70588235
Belize	1990-2016	10.61296296	86.15333333	32296.2963	270710.2593	0.12949314	0.124674693	21.37037037
Bhutan	1990-2016	0.055555556	82.11962963	16670.37035	622483.4815	0.000709906	0.027618904	12.85185185
Bolivia	1990-2016	1.685185185	97.41111111	195592.5926	8918815	0.016166795	0.022006453	15
Botswana	1990-2016	0.061851852	102.4144444	1425.925926	1736527.667	0.000623525	0.000803516	10.62962963
BRAZIL	1990-2016	3.531851852	97.44555556	7192229.637	180065603.7	0.033969417	0.040404132	17.74074074
Brunei Darussalam	1990-2016	0.871481481	86.12740741	4888.888889	346874.1481	0.009661793	0.014066757	15.51851852
Bulgaria	1990-2016	0.680740741	107.4559259	206833.3333	7868547.185	0.006494519	0.026031579	14.77777778
Burkina Faso	1990-2016	0.044814815	91.77222222	76666.66667	13053549.11	0.000397374	0.006027918	11.51851852
Burundi	1990-2016	0.145185185	94.96333333	370629.6296	7367745.148	0.0014718	0.052300597	13.51851852
Cabo Verde	1990-2016	0.082962963	89.23	2851.851852	443417.037	0.00091113	0.006438367	11.44444444
Cameroon	1990-2016	0.136296296	102.692963	130666.6667	17206360.59	0.001534734	0.077899256	15.37037037
CANADA	1990-2016	1.192962963	100.9644444	5910259.259	31769732.11	0.011419533	0.188820606	16.77777778
Central African Republic	1990-2016	0.008148148	99.84296296	86074.07407	3812531.407	7.82011E-05	0.023261888	10.7037037
Chad	1990-2016	0.009259259	104.7148148	31296.2963	9679329.148	9.77582E-05	0.003415818	10.33333333
Chile	1990-2016	5.85037037	91.20888889	383666.6667	15806321.26	0.066611958	0.024032308	18.85185185
CHINA	1990-2016	10.36407407	96.20148148	12112592.59	1276308704	0.109269478	0.009406026	18.85185185
Colombia	1990-2016	14.21851852	94.06074074	1729731.852	411101948.37	0.147147037	0.042690351	19.07407407
Comoros	1990-2016	0.005925926	97.29814815	48925.92593	590593.7407	6.50469E-05	0.083956475	12.92592593
Congo, Rep.	1990-2016	0.018518519	95.10777778	56222.22222	3524502	0.00025387	0.01606617	11.44444444
Costa Rica	1990-2016	17.65461538	95.49692308	291173.0769	4105848.538	0.17465522	0.071652738	19
Cote d'Ivoire	1990-2016	0.009259259	96.13185185	4059259.259	17654514	9.65451E-05	0.235039978	13.74074074
Croatia	1990-2016	2.3068	101.326	90720	4381009.84	0.023577826	0.020592376	15.08
Cyprus	1990-2016	8.64962963	98.08592593	38407.40734	987473.8148	0.088676029	0.040470229	20.18518519
Czech Republic	1990-2016	1.519130435	101.8956522	70869.56522	10353430.83	0.015033816	0.006997171	14.47826087
Denmark	1990-2016	1.522962963	102.9248148	7014.814818	5401958.63	0.014869131	0.001310456	11.22222222
Dominican Republic	1990-2016	3.959259259	106.6588889	409962.963	8818440.074	0.037921896	0.047452296	17.88888889
Ecuador	1990-2016	5.854074074	96.95333333	1350366.668	13356600.74	0.055962417	0.103098205	19.96296296
Egypt, Arab Rep.	1990-2016	2.262962963	91.32814815	657677.4066	73557237.07	0.025953083	0.008696037	14.33333333
El Salvador	1990-2016	3.521111111	103.6618519	241444.4444	5925370.148	0.033919727	0.041017289	16.92592593
Eritrea	1990-2016	0.038421053	86.06894737	2210.526316	2593380.842	0.000477768	0.000873771	10.47368421
Estonia	1990-2016	0.5772	121.71	10056.00004	1374993.4	0.004722037	0.007254046	12.76
Ethiopia	1990-2016	0.133333333	107.8141667	832708.3333	76457435.88	0.001094601	0.010726969	11.66666667
Fiji	1990-2016	1.857407407	92.16518519	83370.37037	815119.6667	0.021855796	0.102474734	18.7037037
Finland	1990-2016	0.653333333	96.39407407	3399.999989	5236606.704	0.006807074	0.00064725	11
FRANCE	1990-2016	4.307407407	97.40037037	1102222.959	62391119.48	0.04430749	0.017752169	17.07407407
French Polynesia	1990-2016	1.694074074	91.53814815	21481.48148	245139.1852	0.01869744	0.088166425	17.96296296
Gambia, The	1990-2016	1.169259259	84.63518519	5000	1486720.704	0.012777812	0.003563112	14.92592593
Georgia	1990-2016	4.1276	104.5836	199600	4077504.76	0.045141549	0.047684212	18.28

Time-Series Averaged PCE-ISys Input and Output Variables, and Averaged Total Exposure Potential (by country)

COUNTRY	YEAR	AVG PESTICIDES_USE_RATE	AVG_CROP_PROD_INDEX	AVG_AGR_LAND_AREA	AVG_POPULATION	AVG_PCPr	AVG_FLAC	AVG_EIRIS
GERMANY	1990-2016	3.044814815	95.65333333	220925.9259	81622498.48	0.03175798	0.002710438	13.37037037
Ghana	1990-2016	0.046666667	95.66814815	2268148.148	21125248.52	0.000543728	0.107092471	15.07407407
Greece	1990-2016	2.277407407	96.72592593	1113296.296	10800868.33	0.023569315	0.103082234	19.14814815
Guatemala	1990-2016	6.930740741	98.80222222	754518.5185	12410424.89	0.075846198	0.059539205	20.33333333
Guinea	1990-2016	0.092592593	95.99111111	644444.4444	8849358.889	0.000891743	0.073979635	13.74074074
Guinea-Bissau	1990-2016	0.107777778	98.31666667	211481.4815	1320817.444	0.001060311	0.158820825	14.48148148
Guyana	1990-2016	0.642222222	103.5240741	27888.88889	752309.7778	0.006319586	0.037035495	15.59259259
Haiti	1990-2016	0.018148148	115.1896296	289629.6296	8918334.963	0.000163314	0.033189457	10.25925926
Honduras	1990-2016	3.090740741	94.72814815	39077.7778	7101635.741	0.032539746	0.055950596	17.88888889
Hong Kong SAR, China	1990-2016	10.84111111	133.0259259	1000	6661540.741	0.090300133	0.000150929	12.33333333
Hungary	1990-2016	1.774444444	88.09185185	204555.5556	10134445	0.020382312	0.020159649	15.66666667
INDIA	1990-2016	0.288888889	103.9948148	10094629.63	1107177756	0.002989717	0.00902907	13.51851852
INDONESIA	1990-2016	0.044814815	97.22407407	17331666.67	220879912	0.000530335	0.077504221	12.7037037
Iran, Islamic Rep.	1990-2016	0.452962963	87.76444444	1511111.111	68068830.74	0.005640981	0.022162416	15.44444444
Iraq	1990-2016	0.143333333	98.15592593	223333.792	25771847.04	0.003802872	0.009076756	10.62962963
Ireland	1990-2016	3.583333333	96.17407407	2322.222224	4080274.926	0.037908823	0.000590343	12.7037037
Israel	1990-2016	11.62444444	93.08962963	83781.48199	6659896.296	0.122256212	0.012929491	19.14814815
ITALY	1990-2016	7.467037037	93.9437037	2642666.667	58051609.3	0.079640259	0.04560945	19.44444444
Jamaica	1990-2016	3.27	106.5340741	103888.8889	2686607.407	0.03070543	0.038834897	17.07407407
JAPAN	1990-2016	14.17555556	103.127037	355629.6296	126685574.5	0.137395067	0.002811891	14.55555556
Jordan	1990-2016	3.636296296	89.93592593	81555.55527	5980363.037	0.044083545	0.014491381	17.37037037
Kazakhstan	1990-2016	0.2684	105.332	129263.9999	15886102.36	0.002821739	0.00815612	12.52
Kenya	1990-2016	0.444814815	96.95333333	481555.5556	35371722.89	0.005334392	0.014175482	12.77777778
Kuwait	1990-2016	2.442083333	103.3383333	3362.499992	2526810.5	0.042263012	0.001222727	14.33333333
Kyrgyz Republic	1990-2016	0.7084	89.8696	70876.00006	5141464	0.009813774	0.013841398	15.16
Lao PDR	1990-2016	0.013333333	106.1074074	101277.7778	5582756.963	0.000184632	0.017654175	11.07407407
Latvia	1990-2016	0.6536	110.8716	12627.99999	2262060.72	0.005649783	0.005413775	13.48
Lebanon	1990-2016	6.02	103.1018519	133303.7036	4428938.963	0.060056862	0.031800621	18.55555556
Lesotho	1990-2016	0.119259259	107.1311111	4111.111111	1963834.926	0.001150238	0.002096056	10.7037037
Libya	1990-2016	0.999259259	100.2996296	337814.8148	5579894.037	0.010415469	0.061456932	15.51851852
Lithuania	1990-2016	0.7196	125.3896	37595.99983	3323449.84	0.005637028	0.011275753	13.8
Luxembourg	1990-2016	2.392941176	91.06705882	1488.823519	496793.4706	0.026580151	0.002995184	15.94117647
Madagascar	1990-2016	0.053333333	97.80148148	60055.5556	17607963.22	0.000517025	0.035849513	12.18518519
Malawi	1990-2016	0.161851852	104.8907407	132703.7037	12446544.15	0.001386181	0.011006846	11.88888889
Malaysia	1990-2016	6.425185185	89.59111111	6086928.15	24580087.11	0.074904465	0.251346114	21.22222222
Maldives	1990-2016	7.203333333	82.73583333	4375	300480.1667	0.095634941	0.015147495	19.41666667
Malta	1990-2016	16.66740741	97.56703704	1118.148141	399004.1481	0.175208352	0.002796131	17
Mauritania	1990-2016	0.121851852	115.8681481	10740.74074	2947772.037	0.001248138	0.003756071	9
Mauritius	1990-2016	9.868518519	97.24518519	4444.444444	1192002.296	0.106688748	0.003772245	17.14814815
MEXICO	1990-2016	1.408888889	96.60037037	2488074.074	103489090.9	0.014368198	0.024196527	15
Moldova	1990-2016	1.242	103.8512	335991.9995	2898755.92	0.012270265	0.115664797	17.24
Mongolia	1990-2016	0.093333333	148.9574074	2222.222222	2528641.185	0.000777749	0.000839225	9.074074074
Montenegro	1990-2016	2.366363636	57.81454545	12074.54547	619431.8182	0.04678313	0.019518428	17.72727273
Morocco	1990-2016	1.374074074	93.12	997629.6296	2986832.04	0.015488023	0.033052202	15.81481481
Mozambique	1990-2016	0.07962963	98.97	257222.2222	19740673.59	0.000724388	0.0134192	11.22222222
Myanmar	1990-2016	0.175555556	87.91407407	935222.2222	47642630.41	0.001592392	0.019162187	12.55555556
Namibia	1990-2016	0.06962963	84.99259259	5666.666667	1889089.185	0.000897742	0.002870596	11.88888889
Nepal	1990-2016	0.091481481	96.70666667	121448.1484	24333432.41	0.00083418	0.004797569	9.962962963
Netherlands	1990-2016	10.3862963	100.5514815	34366.66679	16087132.85	0.10403932	0.002136825	16.55555556
New Caledonia	1990-2016	2.328888889	95.85925926	4555.55538	224189.5926	0.024613867	0.021236922	15.07407407
New Zealand	1990-2016	5.787777778	99.52185185	58644.4445	4025007.407	0.055126446	0.014456726	17.22222222
Nicaragua	1990-2016	2.36037037	94.47666667	257888.8889	5275506.444	0.023478727	0.048812422	17
Niger	1990-2016	0.000740741	108.9407407	52888.88889	13273518.11	1.55359E-05	0.003532722	10.18518519

Time-Series Averaged PCE-ISys Input and Output Variables, and Averaged Total Exposure Potential (by country)

COUNTRY	YEAR	AVG PESTICIDES USE RATE	AVG CROP PROD INDEX	AVG AGR LAND AREA	AVG POPULATION	AVG PCPr	AVG FLAC	AVG EIRIS
North Macedonia	1990-2016	0.5028	99.3592	42760	2042272	0.005399031	0.020991647	16.6
Norway	1990-2016	0.855555556	97.42	4564.814824	4639550.333	0.008835048	0.000995056	11.51851852
Oman	1990-2016	2.573076923	100.9888462	39901.53826	2617806.308	0.024349861	0.015969777	16.11111111
Pakistan	1990-2016	0.245925926	93.30333333	696740.7407	153779568.2	0.002856053	0.004534916	12.25925926
Panama	1990-2016	3.613333333	100.3048148	166833.3333	3223620.556	0.035671527	0.052374491	17.88888889
Papua New Guinea	1990-2016	0.13037037	98.76518519	624444.4444	6316158.815	0.001392391	0.1004645	13.88888889
Paraguay	1990-2016	3.801111111	101.9337037	88703.7037	5571082.259	0.039590472	0.016223907	16.85185185
Peru	1990-2016	0.762592593	95.31925926	995774.075	26921970.89	0.007426414	0.036198773	14.7037037
PHILIPPINES	1990-2016	1.695555556	96.10148148	4852407.407	82814804.07	0.017716973	0.05935912	16.92592593
Poland	1990-2016	1.111111111	109.0740741	360962.963	38256430.37	0.010375592	0.009438343	12.18518519
Portugal	1990-2016	5.94962963	102.1918519	745308.1507	10308392.48	0.059154961	0.072349119	19.88888889
Qatar	1990-2016	3.012962963	109.1225926	2601.111094	1138765.37	0.027146906	0.003209819	14.77777778
Romania	1990-2016	1.16037037	88.52888889	499888.8889	21511988.52	0.01346048	0.023169405	15.44444444
RUSSIAN FEDERATION	1990-2016	0.2988	104.8208	1769720	145240672.4	0.002846703	0.01218017	14.6
Rwanda	1990-2016	0.377307692	102.375	257230.7692	8401900.346	0.003441251	0.03164126	13.96296296
Samoa	1990-2016	0.986666667	96.18333333	27788.88886	178300.9259	0.010024282	0.157487406	17.88888889
SAUDI ARABIA	1990-2016	0.916296296	86.56111111	175322.2221	23280655.19	0.010828015	0.007556872	15.14814815
Senegal	1990-2016	0.160740741	105.2733333	51444.44444	10823020.26	0.001583121	0.004748827	10.92592593
Seychelles	1990-2016	7.092962963	105.2048148	2471.111108	82164.37037	0.069750734	0.030888825	18.33333333
Slovak Republic	1990-2016	1.51375	98.93708333	29082.55677	5384880.417	0.015143819	0.005412638	14.41666667
Slovenia	1990-2016	5.3764	91.4064	37330.13451	2014824.68	0.059019519	0.018475409	20.84
SOUTH AFRICA	1990-2016	1.807777778	98.03925926	371481.4815	46681566.63	0.018376923	0.007975561	12.92592593
SOUTH KOREA, REP.	1990-2016	12.7540741	96.25518519	194833.3333	47518124	0.132487507	0.004098114	15.51851852
Spain	1990-2016	2.282592593	96.86074074	4822351.852	42809614.85	0.02342778	0.113194671	16.77777778
Sri Lanka	1990-2016	0.802592593	102.7925926	988333.3333	19263018.96	0.008148077	0.051488682	16.48148148
St. Kitts and Nevis	1990-2016	1.705185185	103.3781481	599.6296307	45750.88889	0.036550647	0.014233443	14.55555556
St. Lucia	1990-2016	14.32703704	180.3718519	10166.66665	160720.3333	0.163030224	0.065349066	18.77777778
Suriname	1990-2016	6.198148148	119.6318519	7851.851852	487744.8889	0.051409351	0.016685981	15.81481481
Sweden	1990-2016	0.68037037	104.7203704	4000	9087148.556	0.006560012	0.000437584	10.33333333
Switzerland	1990-2016	4.430740741	104.7948148	22877.96789	7434718.815	0.042706925	0.003201632	15
Syrian Arab Republic	1990-2016	0.229259259	79.51888889	877444.4444	17154307.81	0.002920916	0.051404162	17.59259259
Tanzania	1990-2016	0.004814815	101.5848148	1540692.591	37458808.67	7.9754E-05	0.040687794	11.51851852
Thailand	1990-2016	1.946296296	95.73962963	3779814.815	63736132.41	0.019747667	0.059126063	16.33333333
Timor-Leste	1990-2016	0.004444444	98.58555556	66888.88889	966825.1111	4.03995E-05	0.069906565	12.85185185
Togo	1990-2016	0.141851852	103.0448148	144629.6296	5427245	0.001352275	0.026430175	12.55555556
Tonga	1990-2016	0.398888889	115.5051852	11444.44444	99375.44444	0.00358699	0.11541784	14.25925926
Trinidad and Tobago	1990-2016	6.7112	107.0076	26040	1288397.68	0.087529525	0.020341067	17.16
Tunisia	1990-2016	0.192222222	94.79925926	2154740.741	9910275.444	0.002149533	0.217964406	16.33333333
TURKEY	1990-2016	1.331851852	96.18481481	2876814.815	66156460.07	0.013711638	0.04384288	15.14814815
Turkmenistan	1990-2016	4.9528	76.274	60280	4750927.72	0.069796934	0.012828299	18.84
Uganda	1990-2016	0.01	86.06074074	2100370.37	26878584.07	0.000117669	0.08178374	12.11111111
Ukraine	1990-2016	1.4052	108.6408	942240	48053806.4	0.012957834	0.019595211	14.6
UNITED KINGDOM	1990-2016	4.458888889	102.6692593	51568.14815	60457980	0.043498969	0.000858319	13.2962963
UNITED STATES	1990-2016	2.368148148	96.37148148	2513333.333	288949249.3	0.024793539	0.008706439	15.14814815
Uruguay	1990-2016	4.891111111	101.8885185	40296.2963	3301257.481	0.045549673	0.012235288	16.40740741
Vanuatu	1990-2016	1.025185185	110.307037	115444.4444	204370.4815	0.009546143	0.576085647	18.18518519
Venezuela, RB	1990-2016	1.130740741	93.44185185	743407.4074	25373818.67	0.012147086	0.030008436	14.7037037
Vietnam	1990-2016	2.487037037	91.49444444	2569562.97	81841023.7	0.0332562	0.030441072	17.2962963
West Bank and Gaza	1990-2016	7.490869565	88.35956522	98205.93793	3355918.087	0.087584264	0.030608059	19.7826087
Yemen, Rep.	1990-2016	0.384444444	94.56481481	200629.6296	19240088.93	0.004843675	0.010025426	13.74074074
Zambia	1990-2016	0.497777778	104.4725926	31148.14815	11572188.56	0.005650316	0.002713919	13.14814815
Zimbabwe	1990-2016	0.849259259	101.1581481	100000	12118113.48	0.008548952	0.008297395	14.77777778