

codex alimentarius commission



FOOD AND AGRICULTURE
ORGANIZATION
OF THE UNITED NATIONS

WORLD
HEALTH
ORGANIZATION



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Agenda Item 5

CX/PR 05/37/3

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

Thirty-sixth Session

The Hague, The Netherlands, 18 - 23 April 2005

GEMS/FOOD PROGRESS REPORT OF DIETARY INTAKES¹

Elaboration of the GEMS/Food Consumption Cluster Diets

1. At the Thirty-first session of the Committee, WHO presented its proposal to develop more representative diets as recommended by an FAO/WHO expert consultation on exposure assessment.² Using a cluster analysis approach³, thirteen Consumption Cluster Diets were produced based on FAO Food Balance Sheets. The list of countries assigned to the various Consumption Cluster Diets is given in Table 1. At the Thirty-fifth session, the Committee was informed of progress in developing the new diets although it was noted that major data gaps were encountered. The Committee welcomed this progress and encouraged countries to cooperate in providing necessary data⁴.

2. Because average food balance sheet data for the period 1997-2001 have recently become available, this new information has been used as the basis for calculating the intake of commodities for the various Consumption Cluster Diets (see Table 2). Further details on these calculations are available on the WHO Website (<http://www.who.int/foodsafety/chem/gems/en/>)

¹ Paper prepared by Food Safety Department, World Health Organization, Geneva, Switzerland

² Progress report by WHO on the revision of GEMS/Food Regional Diets, CX/PR 99/3, February 1999

³ Barraj, L. and B. Petersen (1997) 'A method for revising and redefining regional diets for use in estimating intake of pesticides', Presented at the Joint FAO/WHO Consultation on Food Consumption and Exposure Assessment of Chemicals, 10-14 February 1997, Geneva.

⁴ ALINORM 03/24A, para 33

3. Estimates are provided for the food commodities listed in the current GEMS/Foods Diets⁵ as well as for FAO food codes that did not directly match these food commodities, but that were used in the derivation of estimates for these commodities. No match could be found in the FAO database for 58 of the almost 400 food commodities and food commodity groups listed in the GEMS/Regional Diets. Intake for these foods is listed “No match” in the Revised Regional Diets provided in Table 2. Note that while consumption amounts for some of these commodities were not available in the FAO database, the commodities themselves were included in a broader food group in the FAO database, e.g., the FAO database does not differentiate between the various types of lettuce.

4. In addition, the number of commodities or commodity groups for which no data were available on any of the countries in a given cluster varied depending on the cluster considered. The intake for these foods is listed as “No data” in the Consumption Cluster Diets provided in Table 2. For transparency, if consumption for a given GEMS/Foods commodity was derived as the sum of several “intermediate” foods in the FAO database, these foods were provided in Table 2, even though they do not match “directly” a GEMS/Foods commodity. These foods are identified with the notation “Int.” in column one of the table.

5. Before the GEMS/Food Consumption Cluster Diets can be further refined, countries are invited to review the list of countries with missing data for each food listed in Table 2, including the “intermediate” foods described above. This list is available at <http://www.who.int/foodsafety/chem/en/>. Countries having information on foods for which data were unavailable should submit these to the GEMS/Food Manager, Department of Food Safety, WHO, Geneva, Switzerland - email: moyg@who.int; fax: 41 22 791 4807.

⁵ http://www.who.int/foodsafety/publications/chem/regional_diets/en/

Table 1

**Country Assignments
to the 13 Proposed GEMS/Food Consumption Cluster Diets**

FINAL CLUSTER	COUNTRY
A	Angola
A	Burundi
A	Cameroon
A	Central African Republic
A	Comoros
A	Congo, Democratic Republic of
A	Côte d'Ivoire
A	Djibouti
A	Eritrea
A	Ethiopia
A	Gabon
A	Guinea
A	Guinea Bissau
A	Liberia
A	Madagascar
A	Mauritius
A	Rwanda
A	Sao Tome & Principe
A	Seychelles
A	Sierra Leone
A	Somalia
A	Uganda
A	Yemen

FINAL CLUSTER	COUNTRY
B	Cyprus
B	Greece
B	Israel
B	Italy
B	Lebanon
B	Portugal
B	Spain
B	Turkey
B	United Arab Emirates
C	Algeria
C	Egypt
C	Iraq
C	Jordan
C	Kuwait
C	Libya Arab Jamahiriya
C	Morocco
C	Saudi Arabia
C	Syrian Arab Republic
C	Tunisia

FINAL CLUSTER	COUNTRY
D	Albania
D	Armenia
D	Azerbaijan
D	Belarus
D	Bosnia and Herzegovina
D	Bulgaria
D	Georgia
D	Iran, Islamic Rep of
D	Kazakhstan
D	Kyrgyzstan
D	Moldova, Republic of
D	Romania
D	Russian Federation
D	Tajikistan
D	The former Yugoslav Republic of Macedonia
D	Turkmenistan
D	Ukraine
D	Uzbekistan

FINAL CLUSTER	COUNTRY
E	Austria
E	Belgium
E	Croatia
E	Czech Republic
E	Denmark
E	France
E	Germany
E	Hungary
E	Ireland
E	Malta
E	Netherlands
E	Poland
E	Slovakia
E	Slovenia
E	Switzerland
E	United Kingdom
E	Yugoslavia
F	Estonia
F	Finland
F	Iceland
F	Latvia
F	Lithuania
F	Norway
F	Sweden
G	Afghanistan
G	Bangladesh
G	Cambodia
G	China
G	India
G	Indonesia
G	Laos
G	Malaysia
G	Mongolia
G	Myanmar
G	Nepal
G	Pakistan
G	Sri Lanka
G	Thailand
G	Viet Nam
H	Bolivia
H	El Salvador
H	Fiji
H	Guatemala
H	Haiti
H	Honduras
H	Mexico
H	Nicaragua
H	Panama
H	Paraguay
H	Peru
H	Saint Kitts & Nevis

FINAL CLUSTER	COUNTRY
H	St. Vincent & Grenadine
FINAL CLUSTER	COUNTRY
I	Botswana
I	Cape Verde
I	Ghana
I	Kenya
I	Lesotho
I	Malawi
I	Mozambique
I	Namibia
I	Reunion
I	South Africa
I	Swaziland
I	Togo
I	United Republic of Tanzania
I	Zambia
I	Zimbabwe
J	Burkina Faso
J	Chad
J	Congo, Republic of
J	Gambia
J	Mali
J	Mauritania
J	Niger
J	Nigeria
J	Senegal
J	Sudan
K	Antigua & Barbuda
K	Aruba (Neth.)
K	Bahamas
K	Barbados
K	Belize
K	Bermuda
K	Brazil
K	Colombia
K	Costa Rica
K	Cuba
K	Dominica
K	Dominican Republic
K	Ecuador
K	French Guyana
K	Grenada
K	Guadeloupe
K	Guyana
K	Jamaica
K	Martinique
K	Saint Lucia
K	Suriname

- K Trinidad and Tobago
- K Venezuela

FINAL CLUSTER	COUNTRY
L	Brunei Darussalam
L	French Polynesia
L	Japan
L	Kiribati
L	Democratic People's Republic of Korea
L	Republic of Korea
L	Madagascar
L	Maldives
L	New Caledonia
L	Papua New Guinea
L	Philippines
L	Solomon Islands
L	Vanuatu
M	Argentina
M	Australia
M	Canada
M	Chile
M	New Zealand
M	United States
M	Uruguay

Table 2

CODE	GEMS	A	B	C	D	E	F	G	H	I	J	K	L	M
(Note)	COMMODITIES													
CEREALS														
GC 640	BARLEY	29.112	0.733	78.245	5.903	3.766	14.511	2.053	10.543	0.184	0.738	5.4076	7.928	1.591
		0.041	No data	15.194	1.272	No data	No data	0.440	10.469	0.001	No data	1.2923	3.592	1.496
		29.013	No data	11.881	3.970	2.569	12.515	0.735	No data	0.014	0.737	2.3654	4.140	No data
		0.033	0.356	27.948	0.406	0.367	1.114	0.463	0.072	0.031	0.000	0.7482	0.047	0.053
		0.026	0.377	23.223	0.254	0.830	0.882	0.415	0.002	0.138	0.001	1.0017	0.148	0.041
GC 641	BUCKWHEAT	No data	0.071	0.012	1.334	2.707	0.079	0.744	No data	0.189	0.114	0.5933	2.750	0.189
	BUCKWHEAT	No data	0.071	No data	0.074	0.092	0.079	0.001	No data	0.063	0.114	0.5933	1.280	0.164
	Flour of Buckwheat	No data	No data	0.012	1.260	2.615	No data	0.743	No data	0.126	No data	No data	1.470	0.014
	Bran of Buckwheat	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	0.012
GC 645 (1)	MAIZE	72.380	15.396	86.823	16.554	14.691	3.066	35.026	283.744	206.714	47.798	52.4240	34.948	21.477
(1)	MAIZE	3.493	No data	35.474	No data	No data	0.495	6.220	36.209	No data	No data	6.2276	24.395	No data
CF 1255	MAIZE FLOUR	68.886	15.396	51.349	16.554	14.691	2.571	28.805	247.535	206.714	47.798	46.1964	10.553	21.477
VO 1275	SWEET CORN (KERNELS)	0.024	0.385	0.092	0.439	2.316	2.979	0.101	0.149	0.226	0.002	0.1846	1.480	6.605
	SWEET CORN FROZEN	0.004	0.090	0.049	0.063	0.812	0.780	0.030	0.007	0.126	0.001	0.0289	0.540	3.050
	SWEET CORN PRESERVED	0.019	0.295	0.043	0.376	1.504	2.199	0.071	0.142	0.099	0.001	0.1557	0.940	3.555
VO 447	SWEET CORN (CORN-ON-THE-COB)	47.217	0.020	0.010	0.018	4.082	0.096	2.017	6.197	9.889	13.495	0.0306	9.413	11.160
GC 656	POP CORN	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
CF 646	MILLET FLOUR	13.006	No data	0.692	4.679	No data	No data	10.844	No data	6.855	77.515	No data	0.307	No data
GC 647	OATS	0.877	2.163	0.196	2.222	3.011	4.683	0.129	0.727	2.808	0.005	1.6739	0.119	3.968
	Oats, rolled	0.731	0.254	0.085	2.222	3.011	4.683	0.126	0.727	0.422	0.004	1.5763	0.082	3.968
	Oats	0.147	1.909	0.111	No data	No data	No data	0.003	No data	2.386	0.000	0.0976	0.036	No data
GC 649	RICE	65.426	21.242	63.438	23.232	9.035	8.561	252.019	43.366	25.538	52.531	100.0622	255.303	23.203
CM 649	RICE HUSKED	35.609	0.219	2.597	6.945	3.300	0.364	1.083	1.102	1.758	22.696	2.3892	6.124	0.266
CM 1205	RICE, POLISHED	29.816	21.023	60.840	16.287	5.735	8.197	250.936	42.264	23.780	29.835	97.6730	249.179	22.937
CM 1205f(2)	RICE FLOUR	0.005	0.122	0.089	0.145	0.177	0.090	0.599	0.015	0.018	0.000	0.1048	0.044	0.181
(2)	RICE MILLED PADDY	29.811	20.901	60.751	16.142	5.558	8.107	250.338	42.249	23.762	29.835	97.5682	249.135	22.756
GC 650	RYE	0.240	No data	No data	No data	No data	No data	No data	0.007	0.002	0.106	No data	5.697	0.000

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
CF 1251	RYE WHOLEMEAL	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
CF 1250 (3)	RYE FLOUR	0.006	2.798	0.339	18.675	19.837	35.248	0.306	0.017	0.139	0.003	0.0773	0.008	0.559
CM 650	RYE BRAN UNPROCESSED	No data	No data	No data	No data	No data	No data	no match	No data	No data	No data	No data	no match	No data
GC 651	SORGHUM FLOUR	33.521	No data	9.271	No data	No data	No data	8.875	18.135	16.908	102.088	No data	3.034	No data
GC 653	TRITICALE FLOUR	No data	No data	No data	No data	0.552	No data	0.961	No data	No data	No data	No data	No data	No data
GC 654	WHEAT	70.103	299.677	330.977	304.420	187.929	179.175	135.019	65.091	53.507	32.668	88.3384	81.594	183.789
CF 1210	WHEAT GERM	0.031	0.003	0.002	1.257	1.913	1.597	0.086	No data	1.819	0.002	0.0242	0.001	6.250
CF 1211bu (4)	WHEAT BULGUR WHOLEMEAL	5.524	1.180	2.011	No data	No data	No data	No data	0.252	No data	No data	0.0008	No data	0.000
CF 1211	WHEAT FLOUR	63.362	296.255	327.502	299.994	181.632	166.181	132.966	60.508	52.382	32.249	87.7390	79.386	180.110
CF 1211ma (4)	WHEAT MACARONI	0.820	1.098	0.773	1.803	4.634	7.612	1.709	3.658	0.471	0.231	0.3126	1.637	2.021
CF 1211pa (4)	WHEAT PASTRY	0.398	1.143	0.692	2.624	1.663	5.382	0.344	0.673	0.654	0.188	0.2860	0.571	1.658
CP 1211 (5)	WHITE BREAD	0.198	0.207	0.098	0.229	0.493	4.091	0.066	8.681	0.264	0.064	0.0501	0.100	0.065
CP 1212br (5)	WHOLEMEAL BREAD	0.198	0.207	0.098	0.229	0.493	4.091	0.066	8.681	0.264	0.064	0.0501	0.100	0.065
	CEREAL PREPARATIONS NES	0.121	3.781	1.375	0.308	0.695	1.486	1.150	3.665	1.177	0.192	0.4719	14.099	5.298
	TOTAL CEREALS	284.665	339.281	569.654	358.343	221.691	210.076	445.670	421.613	312.705	313.562	48.24994	391.679	234.218

NOTE 1: MAIZE (GC 645) = MAIZE + MAIZE FLOUR (CF 1255)

NOTE 2: RICE POLISHED (CM 1205) = RICE FLOUR + RICE MILLED PADDY

NOTE 3: RYE (GC 650) AND RYE WHOLEMEAL (CF1251) HAVE SAME DIET VALUES IF USED SEPARATELY

NOTE 4: WHEAT (GC 654) = BULGUR WHOLEMEAL (CF 1211bu) + FLOUR (CF 1211) + MACARONI (CF 1211ma) + PASTRY (CF 1211pa)

NOTE 5: WHEAT FLOUR (CF 1211) = WHITE BREAD (CP1211) + WHOLEMEAL BREAD (CP 1212br)

NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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ROOTS AND TUBERS

VR 463	CASSAVA	244.047	No data	No data	No data	0.001	No data	17.529	39.069	222.409	175.709	67.9829	62.335	3.429
(1)	CASSAVA	229.769	No data	No data	No data	No data	No data	15.904	22.269	221.547	92.996	57.7397	62.321	3.371
VR 463fl (1)	CASSAVA FLOUR	14.278	No data	No data	No data	0.001	No data	1.625	16.800	0.862	82.713	10.2433	0.015	0.059
VR 589	POTATOES	19.027	160.755	61.155	243.642	230.091	204.739	52.623	57.089	50.061	4.276	54.7233	27.986	167.981
VR 508	POTATOES SWEET	60.451	0.952	5.181	0.011	0.044	0.031	47.410	7.836	21.974	20.921	5.4669	20.793	6.132
VR 505	TARO(COCO YAM)	29.639	0.135	1.534	No data	No data	No data	2.702	72.407	123.256	12.719	9.1540	6.424	0.302
VR 600	YAMS	63.230	0.533	No data	No data	No data	No data	0.010	42.672	146.182	111.737	5.9372	5.132	0.256
	ROOTS AND TUBERS NES	110.016	0.215	0.082	0.001	0.010	0.000	1.006	5.649	5.178	1.784	3.8461	3.255	0.091
VR 75	TOTAL ROOTS AND TUBERS	526.410	162.589	67.952	243.654	230.145	204.770	121.280	224.723	569.058	327.147	147.1104	125.925	178.191

NOTE 1: THIS DISTRIBUTION IS USED IF BOTH CASSAVA (VR 463) AND CASSAVA FLOUR (VR 463fl) ARE SPECIFIED
 NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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PULSES

VD 71 (1)	BEANS DRY	15.783	6.073	1.679	6.277	1.832	0.400	3.428	25.360	7.803	2.080	30.4329	5.549	7.295
VD 523	BEANS BROAD DRY	7.343	2.061	6.894	0.018	0.562	0.062	0.754	1.206	0.008	2.839	0.2574	0.122	0.736
VP 62	BEANS SHELLED	0.001	2.712	4.494	0.155	0.381	0.008	0.194	1.984	0.032	0.001	0.2305	0.037	0.841
VP 61	BEANS EX. BROAD AND SOYA BEANS	0.487	14.143	7.479	0.867	16.386	0.138	2.614	2.561	1.018	0.497	0.5835	2.807	9.812
	BEANS, GREEN	0.487	12.737	3.375	0.867	3.303	0.138	2.564	0.666	1.018	0.497	0.2597	0.958	1.821
	STRING BEANS	No data	1.407	4.105	0.000	13.083	No data	0.050	1.895	No data	0.000	0.3238	1.850	7.991
VD 526	COMMON BEAN, DRY	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VD 534	LIMA BEAN (DRY)	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VD 533	LENTILS	0.905	5.390	3.114	1.337	0.718	0.083	1.060	1.099	0.109	0.203	1.0020	0.011	1.575
VD 545	LUPINES	No data	0.110	0.134	No data	0.011	No data	No data	0.723	0.305	No data	0.2614	No data	0.009
VD 561	FIELD PEAS (DRY)	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VD 72	PEAS DRY	6.810	1.622	1.031	2.349	4.575	3.400	5.152	12.593	3.282	26.688	1.9314	0.546	1.727
		2.944	1.280	0.825	2.349	4.575	3.400	1.596	1.462	0.732	0.782	1.3058	0.546	1.727
VD 524	PEAS CHICK	3.325	5.836	3.212	3.109	0.128	0.088	4.987	0.548	0.587	0.225	0.1991	0.016	1.639
VD 527	PEAS COW DRY	3.866	0.342	0.206	No data	No data	No data	3.556	11.132	2.550	25.906	0.6256	No data	No data
VP 537	PEAS PIGEON	6.033	No data	No data	No data	No data	No data	5.204	1.124	4.631	No data	1.1660	No data	No data
VD 541	SOYBEANS	2.710	0.092	2.018	0.106	1.543	No data	10.004	1.070	0.984	4.237	4.6372	17.458	1.253
VP 541	SOYA BEAN (IMMATURE SEEDS)	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
	SOYA SAUCE	0.011	0.032	0.036	0.049	0.264	0.385	6.614	0.062	0.015	0.001	0.0105	13.913	0.361
	PULSES NES	4.514	0.516	1.052	1.285	0.069	0.015	1.378	1.319	8.098	2.183	1.6845	0.461	0.186
VD 70	TOTAL PULSES	37.523	21.247	18.795	14.482	9.426	4.047	23.207	32.063	18.320	12.547	39.5189	24.163	14.410

NOTE 1: BEANS DRY (VD 71) INCLUDES BEANS BROAD DRY (VD 523)

NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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SUGARS AND HONEY

VR 596	SUGAR BEET	No data	No data	No data	No data	No data	0.080	No data	No data	0.000	No data	1.4935	No data	No data
GS 659	SUGAR CANE	30.864	3.753	51.274	No data	0.001	0.000	26.211	1.455	10.941	5.542	18.5672	2.952	No data
GS 659re	SUGAR REFINED	20.985	76.582	54.481	73.083	96.686	91.923	31.109	97.255	42.733	22.085	123.5880	48.312	88.181
	SUGAR CONFECTIONERY	0.264	0.916	0.787	1.577	0.412	6.877	0.181	0.668	0.701	0.247	0.3730	0.416	1.582
	SUGAR AND SYRUPS NES	0.003	0.005	0.005	0.002	0.041	0.034	0.000	0.005	0.040	0.001	0.0018	0.020	0.229
	GLUCOSE AND DEXTROSE	0.278	0.492	1.644	0.231	14.661	2.212	0.246	0.781	0.101	0.090	0.4445	1.263	23.731
	HONEY	1.062	1.978	0.330	1.116	1.732	1.031	0.197	0.532	0.742	0.028	0.3040	0.568	1.532
	TOTAL SUGARS AND HONEY	53.458	83.725	108.521	76.008	113.534	102.157	57.944	100.695	55.259	27.993	144.7721	53.532	115.255

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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NUTS AND OILSEEDS (1)

TN 660	ALMONDS SHELLED	0.007	2.794	1.038	0.033	0.988	0.756	0.037	0.061	0.013	0.000	0.0172	0.265	0.289
TN 295	CASHEW NUTS	0.525	0.022	0.013	0.002	0.011	0.005	0.111	0.067	0.261	3.116	0.0430	0.073	0.022
TN 664	CHESTNUTS	0.006	1.734	0.025	0.233	0.295	0.013	0.540	0.715	0.003	0.001	0.0316	1.521	0.042
TN 665	COCONUTS	4.972	0.238	0.070	0.015	0.132	0.117	13.984	4.204	5.150	1.020	18.4213	4.907	0.189
SO 691	COTTON SEED	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
SO 703	GROUNDNUTS IN SHELL	4.196	3.762	0.381	0.089	0.401	0.076	5.787	1.749	2.440	12.343	0.4432	0.836	0.315
SO 697	GROUNDNUTS SHELLED	3.820	1.705	2.664	0.616	2.147	1.031	1.568	2.190	4.808	10.580	0.9027	0.956	7.584
TN 666	HAZELNUTS	0.006	0.054	0.013	0.174	0.059	0.111	0.000	0.002	0.001	No data	0.0104	0.000	0.025
SO 701	KARITE NUTS (SHEANUTS)	No data	0.001	No data	No data	0.226	0.003	0.050	No data	0.467	0.000	No data	No data	0.000
SB 717	KOLANUTS	6.829	No data	No data	0.003	No data	No data	No data	No data	1.081	1.813	No data	6.554	No data
SO 693	LINSEED	0.216	No data	No data	No data	No data	No data	0.010	No data	No data	No data	No data	No data	No data
SO 46	MELONSEED (EXCEPT WATERMELON)	8.446	0.035	0.450	No data	No data	No data	0.053	0.000	0.806	3.083	No data	0.103	No data
SO 90	MUSTARD SEED OR FLOUR	0.041	0.120	0.017	0.107	1.226	0.252	0.076	0.122	0.023	0.125	0.0431	0.256	0.988
	MUSTARD SEED	0.029	0.059	0.013	0.094	0.988	No data	0.071	0.036	0.001	0.102	0.0247	0.203	0.948
	FLOUR MUSTARD SEED	0.013	0.061	0.004	0.013	0.239	0.252	0.004	0.086	0.022	0.023	0.0184	0.053	0.040
TN 1900	NUTS (WHOLE IN SHELL)	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match
SO 89	OILSEED (EXCEPT GROUNDNUTS)	11.938	3.707	3.801	2.131	2.426	1.183	1.633	0.987	3.016	6.923	0.4209	1.423	4.390
SO 88	OILSEED	15.758	5.412	6.466	2.747	4.572	2.215	3.202	3.177	7.824	17.503	1.3236	2.379	11.974
FT 305	OLIVES PRESERVED	0.006	4.773	0.767	0.366	0.966	0.825	0.006	0.060	0.020	0.004	0.5585	0.032	1.041
SO 696	PALM KERNELS	0.653	0.007	0.019	No data	No data	No data	No data	No data	0.009	2.746	No data	No data	No data
TN 672	PECAN NUTS	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match
SO 698	POPPY SEED	0.000	0.020	No data	0.092	0.210	0.183	0.000	0.000	0.010	No data	0.0188	No data	0.051
TN 675	PISTACHIOS	0.012	0.948	0.525	0.856	0.258	0.049	0.050	0.122	0.002	0.001	0.0082	0.048	0.200
SO 495	RAPE SEED	No data	0.001	0.193	0.003	No data	No data	1.030	0.019	No data	0.000	0.0057	0.000	No data
SO 699	SAFFLOWER SEED	0.639	0.004	No data	0.012	0.090	No data	0.011	No data	0.001	No data	0.0007	0.025	0.019

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
SO 700	SESAME SEED	1.863	1.078	1.847	0.046	0.252	0.316	0.375	0.654	0.854	0.969	0.2362	1.000	0.358
SO 702	SUNFLOWER SEED	0.079	2.441	1.274	1.871	0.421	0.430	0.030	0.192	0.846	No data	0.1166	0.038	2.975
TN 85	TREE NUTS	6.781	7.339	1.986	1.604	2.175	1.245	14.957	6.571	5.666	4.447	18.5889	7.198	1.684
TN 678	WALNUTS SHELLED	0.000	1.273	0.050	0.100	0.329	0.102	0.155	0.038	0.005	0.000	0.0113	0.102	0.448
	NUTS PREPARED (EXCEPT GROUNDNUTS)	0.002	0.371	0.054	0.125	0.565	0.880	0.062	0.145	0.146	0.000	0.0111	0.352	0.069
	NUTS NES	1.254	0.276	0.251	0.191	0.102	0.092	0.080	1.361	0.232	0.310	0.0460	0.282	0.470
	TOTAL NUTS AND OILSEEDS	33.573	21.657	9.654	4.935	8.678	5.241	24.014	11.703	17.176	36.111	20.9253	17.352	15.082

NOTE 1: CONSUMPTION VALUES ARE FOR NUTS AND OILSEEDS CONSUMED AS SUCH
NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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VEGETABLE OILS AND FATS

OC 305	OIL OF OLIVES, VIRGIN	0.029	20.140	3.901	0.047	1.475	0.786	0.016	0.109	0.050	0.006	0.3141	0.340	1.592
OR 665	OIL OF COCONUTS	0.278	0.246	0.273	0.189	1.981	0.426	0.748	0.312	0.985	0.202	0.2280	3.203	0.433
OR 691	OIL OF COTTON SEED	0.893	4.902	1.682	6.631	0.039	0.562	0.970	0.665	1.028	1.374	1.4922	1.018	1.223
OR 697	OIL OF GROUNDNUTS	1.662	0.754	0.544	0.069	1.379	0.362	3.026	0.260	1.542	7.854	0.2631	0.045	0.446
OR 693	OIL OF LINSEED	No data	No data	No data	No data	No data	0.453	0.056	No data	No data	No data	No data	0.044	No data
OR 645	OIL OF MAIZE	0.070	4.040	2.288	0.532	0.898	0.204	0.119	0.566	1.795	0.011	0.9991	1.596	1.823
OR 305	OIL OF OLIVES, RESIDUE OIL	0.139	1.724	0.246	0.006	0.044	0.016	0.000	0.010	0.021	0.003	0.0036	0.003	0.054
OR 696	OIL OF PALM KERNELS	0.651	0.247	0.927	0.050	No data	No data	0.390	0.628	0.688	3.708	1.8569	0.372	0.162
OR 495	OIL OF RAPESEED EDIBLE	0.348	1.017	1.552	0.718	13.714	10.034	3.824	2.265	0.106	0.398	0.0052	5.978	3.809
OR 700	OIL OF SESAME SEED	0.419	0.272	0.408	0.114	0.078	0.023	0.409	0.088	0.225	0.597	0.0702	0.640	0.132
OR 541	OIL OF SOYA BEANS	1.563	9.608	6.038	3.950	6.255	6.984	4.299	10.654	1.969	1.399	19.5225	9.145	22.004
OR 702	OIL OF SUNFLOWER SEED	0.292	13.097	8.559	12.342	8.834	2.245	1.110	3.631	5.632	0.097	1.5115	0.233	3.569
OR 172	OIL OF VEGET ORIGIN NES	0.881	0.349	0.121	0.308	0.274	0.557	0.094	0.247	0.699	0.403	0.2449	0.673	0.195
	BUTTER OF KARITE NUTS	1.126	No data	No data	0.077	No data	No data	No data	No data	0.910	2.846	No data	No data	No data
	MARGARINE + SHORTENING	0.340	10.769	5.359	5.212	17.988	24.813	2.293	1.668	2.678	0.133	5.9131	4.969	26.603
	TOTAL VEGETABLE OILS AND FATS	8.351	56.396	26.540	25.035	34.971	22.654	15.060	19.436	15.649	18.899	26.5112	23.290	35.441

NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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STIMULANTS

VR 469	CHICORY ROOTS	0.024	0.330	No data	0.623	8.385	0.002	No data	No data	1.107	0.000	0.0412	No data	No data
SB 715	COCOA BEANS	0.709	0.709	0.767	2.353	12.602	6.851	0.114	1.279	0.383	0.236	3.9909	3.638	3.448
	COCOA BEANS	0.184	No data	No data	0.875	5.345	No data	0.000	0.089	0.031	0.166	2.9639	1.483	No data
DM 715	COCOA POWDER AND CAKE	0.351	1.384	0.214	0.375	2.174	1.735	0.049	0.716	0.118	0.050	0.8994	0.490	2.302
DM 1215	COCOA BUTTER	0.037	0.014	0.119	0.089	1.091	1.818	0.009	No data	0.000	No data	No data	0.002	No data
DM 1216	COCOA MASS	0.003	0.156	0.055	0.196	No data	No data	0.000	0.003	0.001	0.000	0.0077	0.005	0.226
SB 716	COFFEE BEANS	3.109	6.700	2.957	1.310	10.074	18.006	0.296	6.900	0.473	0.217	5.7588	5.734	10.012
(1)	COFFEE GREEN	2.643	0.374	2.437	0.191	No data	0.874	0.249	5.564	0.289	0.183	4.9420	5.145	2.687
(1)	COFFEE EXTRACTS	0.081	0.297	0.049	0.553	0.685	0.737	0.027	0.060	0.055	0.029	0.0378	0.337	0.286
SB 716 ro (1)	COFFEE ROASTED	0.385	6.030	0.472	0.566	9.389	16.396	0.020	1.276	0.129	0.005	0.7791	0.252	7.040
HS 784	GINGER, ROOT	0.166	0.028	0.183	0.002	0.141	0.055	0.595	0.003	0.014	1.400	0.2135	1.505	0.201
DT 171 (2)	TEA	0.319	2.385	2.775	2.139	2.047	0.778	1.303	0.187	0.866	0.566	0.0591	1.535	0.976
	TOTAL STIMULANTS	4.328	10.153	6.683	6.427	33.249	25.693	2.307	8.369	2.843	2.419	10.0636	12.412	14.637

NOTE 1: COFFEE BEANS (SB 716) = EXTRACTS + GREEN + ROASTED (SB 716ro)

NOTE 2: CONSUMPTION VALUES MAY ALSO BE USED FOR TEA, GREEN, BLACK (DT 1114)

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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SPICES

DH 1100	HOPS, DRY	No data	No data	No data	0.054	No data	0.102	0.031	No data	No data	No data	No data	No data	No data
VL 4345 (1)	ANISE BADIAN FENNEL	0.029	0.166	0.749	0.060	0.284	0.100	0.138	0.578	0.087	0.001	0.1182	0.073	0.175
HS 788 (2)	NUTMEG MACE CARDAMON	0.004	0.033	0.115	0.004	0.051	0.062	0.031	0.020	0.020	0.005	0.0103	0.012	0.021
HH 740	PARSLEY	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match
HS 790	PEPPER WHITE/LONG/BLACK	0.049	0.135	0.162	0.069	0.351	0.280	0.093	0.042	0.066	0.011	0.1172	0.116	0.407
HS 4769 (3)	PIMENTO ALLSPICE	2.526	0.401	0.973	0.484	0.650	0.225	1.292	1.082	1.011	1.035	0.1030	0.187	0.431
	SPICES NES	0.070	0.271	0.257	0.083	0.148	0.319	0.836	0.082	0.150	0.180	0.0445	0.097	0.133
HS 93	TOTAL SPICES	2.815	0.869	1.691	0.642	1.339	0.942	2.847	1.229	1.261	2.631	0.4885	1.917	1.193

NOTE 1: FENNEL (VL 4345) INCLUDES ANISE (HS 771) AND BADIAN TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION

NOTE 2: NUTMEG (HS 788) INCLUDES MACE (HS 788) AND CARDAMON (HS 775) TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION

NOTE 3: ALLSPICE (HS 4769) INCLUDES PIMENTO (VO 4303) TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION

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CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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VEGETABLES

VS 620	ARTICHOKES	0.001	10.015	2.075	0.124	0.788	0.064	0.052	0.111	0.036	0.000	0.0006	0.001	1.025
VS 621	ASPARAGUS	0.001	1.113	1.328	0.231	1.226	0.073	3.714	0.307	0.203	0.001	0.0159	0.497	1.122
VP 526	BEANS GREEN (COMMON)	0.487	14.143	7.479	0.867	16.386	0.138	2.614	2.561	1.018	0.497	0.5835	2.807	9.812
	BEANS, GREEN	0.487	12.737	3.375	0.867	3.303	0.138	2.564	0.666	1.018	0.497	0.2597	0.958	1.821
	STRING BEANS	No data	1.407	4.105	0.000	13.083	No data	0.050	1.895	No data	0.000	0.3238	1.850	7.991
VR 574	BEETROOT	No data	No data	No data	No data	No data	0.080	No data	No data	0.000	No data	1.4935	No data	No data
VB 40 (1)	BRASSICA VEGETABLES	2.239	30.917	11.881	44.329	37.649	31.397	33.196	7.974	12.589	1.950	3.9578	56.762	22.267
VP 522	BROAD BEAN (GREEN PODS)	0.001	2.712	4.494	0.155	0.381	0.008	0.194	1.984	0.032	0.001	0.2305	0.037	0.841
VB 400	BROCCOLI	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VB 402	BRUSSELS SPROUTS	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VA 35	BULB VEGETABLES	7.513	62.842	42.410	36.314	29.969	19.193	25.190	48.738	7.953	20.232	29.0121	50.487	54.439
VA 36	BULB VEGET EXCEPT. FENNEL	7.413	62.742	42.310	36.214	29.869	19.093	25.090	48.638	7.853	20.132	28.9121	50.387	54.339
VB 41 (2)	CABBAGES	2.096	19.837	8.277	43.907	29.936	28.036	23.570	4.988	12.010	1.910	3.7817	55.627	18.936
VB 403	CABBAGE, SAVOY	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VR 577	CARROTS	0.592	15.147	8.145	13.935	27.074	28.421	5.390	7.928	2.470	3.522	4.0929	8.585	19.388
VB 404 (3)	CAULIFLOWER	0.143	11.080	3.603	0.422	7.713	3.360	9.626	2.986	0.579	0.040	0.1761	1.135	3.331
VS 624	CELERY	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
HH 624	CELERY LEAVES	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VL 464	CHARD	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VL 469	CHICORY LEAVES	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VL 466	CHINESE CABBAGE	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
GC 4613 (4)	CORN GREEN (MAIZE)	47.217	0.020	0.010	0.018	4.082	0.096	2.017	6.197	9.889	13.495	0.0306	9.413	11.160
VL 510	COS LETTUCE	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VC 424	CUCUMBERS AND GHERKINS	0.637	25.420	11.848	23.078	12.145	14.214	15.824	1.269	0.330	0.033	0.7913	10.934	10.568
VO 440	EGGPLANTS	1.658	17.534	12.269	1.730	0.756	0.418	20.075	0.174	0.599	6.310	0.3835	6.250	0.644
VL 476	ENDIVE	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VC 45	FRUITING VEGET. CUCURBITS	26.571	107.503	96.001	82.255	25.137	23.184	69.739	25.919	14.837	18.151	17.4694	39.069	44.192

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
VR 494	RADISH	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VR 591	RADISH, JAPANESE	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VS 627	RHUBARB	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VL 502	SPINACH	0.001	5.006	1.113	0.098	2.601	0.053	9.354	0.393	0.022	0.000	0.1893	4.321	1.983
VA 389	SPRING ONION	1.248	3.923	5.563	1.110	1.065	2.363	0.557	19.278	0.423	3.868	4.1991	10.668	11.608
VC 431	SQUASH, SUMMER	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VC 429	SQUASH PUMPKINS GOURDS	16.254	12.326	14.404	21.870	3.047	0.959	7.084	4.627	11.325	3.025	5.8094	6.669	7.620
VR 497	SWEDE	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VO 448	TOMATO	10.798	186.886	118.382	62.225	35.168	24.717	23.848	29.228	15.756	12.314	36.4473	12.914	92.614
VO 448fr (6)	TOMATOES FRESH	10.245	185.016	113.951	60.717	25.949	16.232	23.515	27.100	14.851	11.844	35.5572	9.917	89.769
JF 448 (6)	TOMATO JUICE SINGLE-STRENGTH	0.001	0.141	0.406	0.131	0.495	0.750	0.039	0.011	0.143	0.001	0.0141	0.846	0.422
VO 448pa (6)	TOMATO PASTE	0.468	1.313	3.521	1.018	3.844	4.500	0.092	2.077	0.557	0.449	0.6055	1.372	1.226
VO 448pe (6)	TOMATOES PEELED	0.083	0.416	0.504	0.358	4.881	3.235	0.203	0.041	0.204	0.021	0.2705	0.779	1.197
VL 506	TURNIP, GREENS	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VR 506	TURNIP	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VL 473	WATERCRESS	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VC 433	WINTERSQUASH	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
VS 469	WITLOOF CHICORY (SPROUTS)	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
	VEGETABLES CANNED NES	No data	No data	No data	1.759	No data	No data	1.793	No data	No data	No data	No data	No data	No data
DV 168	VEGETABLES DEHYDRATED	0.034	0.618	0.641	0.325	0.719	0.951	0.473	0.030	0.114	0.051	0.0943	1.334	0.221
	VEGET DRIED NES	No data	No data	No data	0.239	No data	No data	0.208	No data	No data	No data	No data	No data	No data
	VEGS DEHYDROGENATED	0.034	0.618	0.641	0.086	0.719	0.951	0.265	0.030	0.114	0.051	0.0943	1.334	0.221
	VEGETABLES FRESH NES	34.493	34.169	17.226	47.077	40.838	18.510	111.887	7.132	34.753	49.447	22.9445	112.678	11.302
	VEGETABLES FROZEN	0.104	1.979	0.550	1.250	6.438	3.642	0.568	0.144	0.525	0.008	0.1981	3.921	2.172
	VEGETABLES JUICE NES	0.000	2.707	0.005	0.948	0.412	1.363	0.072	0.000	0.002	0.014	0.0402	0.112	0.060

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
	VEGETABLES PR BY VINEGAR	0.023	0.701	0.724	0.902	1.283	2.570	0.425	0.040	0.107	0.005	0.0467	0.841	1.107
	VEGETABLES PREPARED NES	0.020	0.036	0.091	0.055	0.237	0.788	0.028	0.030	0.028	0.009	0.0060	1.002	0.094
	VEGS IN TEMP PRESERVATIVE	0.072	0.651	1.483	0.178	0.641	1.036	0.398	0.032	0.096	0.004	0.0320	2.800	0.383
	TOTAL VEGETABLES	137.405	553.390	353.597	302.794	265.139	174.687	340.258	167.932	129.374	153.302	126.4209	329.046	327.233

NOTE 1: VB 40 BRASSICA VEGETABLES INCLUDES CABBAGES (VB 21) AND CAULIFLOWER (VB 404) TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION. ALSO SEE NOTES 2 AND 3.

NOTE 2: VB 41 CABBAGES INCLUDES SAVOY CABBAGE (VB 403), BRUSSEL SPROUTS (VB 402), COLLARDS, KALE (VL 480) AND KOHLRABI (VB 405) TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION

NOTE 3: CAULIFLOWER (VB 404) INCLUDES BROCCOLI (VB 402) TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION

NOTE 4: SAME AS SWEET CORN (CORN-ON-THE-COB) (VO 447)

NOTE 5: VC 424 CUCUMBER INCLUDES GHERKIN (VC 425) TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION. VC 425 GHERKIN CONSUMPTION IS ESTIMATED TO BE ONE HALF OF TOTAL CUCUMBER AND GHERKIN CONSUMPTION

NOTE 6: VO 448 TOMATOES = FRESH (VO 448fr) + JUICE (JF 448) X 1.06 + PASTE (VO 448pa) X 6.4 + PEELED (VO 448pe)

NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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FISH AND SEAFOOD

WS 125	MARINE FISH	12.630	29.178	12.792	25.186	14.799	28.400	11.803	12.444	13.068	13.063	9.0739	42.696	20.072
	DEMERSAL FROZEN WHOLE	0.293	2.293	0.272	6.170	0.260	2.427	0.356	0.259	0.731	0.600	0.3776	2.756	1.996
	DEMERSAL FROZEN FILLETS	0.005	2.075	0.036	0.208	5.500	4.146	0.005	0.067	0.466	0.001	1.1164	0.514	3.301
	DEMERSAL CURED	0.062	3.202	0.143	0.171	0.570	0.661	0.125	0.111	0.249	0.134	0.5731	0.963	0.227
	DEMERSAL MARINE FISH FRSH	1.998	8.465	3.645	4.400	1.692	4.899	4.876	2.074	1.165	1.938	0.7144	4.813	6.545
	PELAGIC CANNED	0.232	6.115	1.125	2.400	4.623	4.971	0.065	2.501	0.367	0.082	1.3518	1.858	4.226
	PELAGIC FROZEN WHOLE	1.932	1.200	2.745	7.196	0.609	3.877	0.646	0.734	3.604	5.451	0.5085	9.290	0.954
	PELAGIC CURED	1.267	0.433	0.020	0.195	0.411	1.587	0.855	0.120	0.547	0.440	0.1208	4.612	0.080
	PELAGIC MARINR FISH FRSH	3.093	4.462	3.802	3.536	0.786	3.638	2.127	2.874	4.810	3.428	2.8731	12.904	1.368
	MARINE FISH NES FRESH/FROZEN	3.408	0.605	0.980	0.869	0.120	1.166	1.341	3.668	0.892	0.801	1.3067	0.971	0.980
	MARINE NES CURED	0.341	0.329	0.024	0.043	0.227	1.027	1.407	0.034	0.237	0.189	0.1316	4.015	0.395
WF 115	FRESHWATER FISH	5.591	3.321	5.674	5.019	4.466	9.992	17.162	2.795	6.608	5.666	4.5240	9.903	2.863
	FRESHWATER CANNED	0.030	0.044	0.004	0.138	0.362	0.087	0.025	0.001	0.010	0.001	0.0046	0.625	0.492
	FRESHWATER FROZEN WHOLE	0.014	0.157	0.157	0.497	0.405	0.398	0.033	0.010	0.228	0.134	0.0540	3.127	0.371
	FRESHWATER CURED	0.153	0.143	0.217	0.172	0.540	0.419	0.089	0.175	2.008	0.939	0.2207	1.327	0.059
	FRESHWATER DIADROM FRESH	5.395	2.977	5.296	4.211	3.159	9.087	17.015	2.608	4.363	4.592	4.2448	4.823	1.941
	AQUATIC PLANTS DRIED	No data	No data	No data	No data	No data	No data	2.350	No data	No data	No data	No data	2.045	No data
WC 143	CRUSTACEANS FRESH/FROZEN	0.219	3.048	0.421	0.346	1.589	5.761	3.674	1.323	0.238	0.345	0.8895	5.891	4.575
	CRSTACEANS (CRSTC) FRESH	0.190	0.558	0.383	0.176	0.716	3.512	3.566	0.975	0.187	0.341	0.8241	2.424	0.338
	CRSTC FROZEN	0.029	2.490	0.038	0.170	0.873	2.249	0.108	0.348	0.051	0.005	0.0655	3.467	4.238
MD 180	DRIED FISH	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match
IM 150	MOLLUSCS INCLUDING	0.008	5.446	0.046	0.116	3.679	0.581	7.489	1.580	0.085	0.101	0.6033	7.060	1.881

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
	CEPHLOPOD													
	MOLLUSCS EXCL CEPHLP FRSH	0.008	4.917	0.044	0.111	3.415	0.418	7.451	1.523	0.077	0.101	0.5962	5.823	1.305
	MOLLUSCS CANNED	0.001	0.529	0.002	0.005	0.264	0.163	0.037	0.057	0.008	0.000	0.0070	1.237	0.576
	TOTAL FISH AND SEAFOOD	18.449	40.994	18.933	30.667	24.532	44.733	42.477	18.142	19.999	19.175	15.0908	67.595	29.391

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EGGS

PE 840	CHICKEN EGGS	2.186	29.535	10.642	24.014	33.567	27.354	17.546	27.922	6.146	5.060	16.8843	33.580	34.354
	EGGS NES	0.280	0.052	0.060	0.496	0.389	0.036	4.607	0.247	0.118	0.000	0.6985	1.726	1.667
PE 112	TOTAL EGGS	2.467	29.587	10.703	24.511	33.956	27.390	22.153	28.169	6.264	5.060	17.5828	35.306	36.021

NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
FC 5	GRAPEFRUIT AND POMELO	0.610	2.920	0.875	0.493	2.671	1.398	0.480	5.162	0.642	0.828	4.2031	2.778	5.502
FI 341	KIWI	0.021	2.875	0.094	0.204	2.650	1.807	0.046	0.124	0.044	0.000	0.1591	1.569	1.015
FC 204	LEMON	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
JF 2	LEMONJUICE SINGLE-STRENGTH	0.001	0.370	0.063	0.007	0.179	0.076	No data	0.011	0.733	0.032	0.0277	0.162	0.425
FC 2	LEMONS AND LIMES	0.454	17.791	6.048	7.018	4.119	2.608	1.713	22.448	0.501	1.209	4.7596	1.323	10.061
FC 206	MANDARIN	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
FI 345	MANGOES	6.267	1.040	4.492	0.184	0.669	0.308	12.662	26.111	6.062	12.712	9.2324	8.179	1.952
FS 245	NECTARINE	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
FC 4 (4)	ORANGES	4.969	57.850	37.983	14.205	13.962	15.057	7.440	61.547	9.687	2.431	139.9108	3.074	38.521
FC 208	ORANGES SWEET	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
JF 4	ORANGE JUICE CONCENTRATE	0.001	0.161	0.752	0.154	1.216	2.948	0.027	0.085	0.523	0.017	0.1706	0.949	10.070
FI 350	PAPAYAS	5.064	0.073	0.075	0.001	0.093	0.040	1.260	11.450	1.578	13.725	14.4853	0.960	0.642
FI 351	PASSION FRUIT	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
FS 247 (5)	PEACHES AND NECTARINES	0.199	25.270	6.516	3.513	8.242	3.292	3.398	3.299	1.106	0.002	2.0379	3.478	11.626
DF 247	PEACH, DRIED	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
FP 230	PEARS	0.061	22.331	2.777	4.824	10.683	6.777	6.365	1.937	1.182	0.010	1.7950	6.944	7.813
FT 307	PERSIMMONS JAPANESE	No data	2.395	No data	0.049	No data	No data	2.906	0.011	No data	No data	0.8095	7.440	0.225
FI 353	PINEAPPLES	3.674	2.327	0.178	0.198	3.475	3.421	3.313	11.812	6.416	11.164	16.9556	8.404	7.327
JF 341	PINEAPPLE JUICE SINGLE STRENGTH	0.092	0.703	0.034	0.017	0.602	0.396	0.270	0.118	1.435	0.009	0.1027	0.083	0.557
(6)	PINEAPPLES	3.499	1.189	0.033	0.106	1.241	0.462	2.736	11.670	3.727	11.157	16.5907	3.993	4.638
FI 353ca (6)	PINEAPPLES CANNED	0.174	1.138	0.145	0.093	2.234	2.959	0.576	0.142	2.689	0.007	0.3649	4.411	2.689
FI 354	PLANTAINS	275.656	0.194	No data	0.078	0.261	0.029	36.344	56.600	93.349	40.649	92.8089	1.120	1.995
FS 14	PLUMS (INC. PRUNES)	0.140	6.177	2.553	7.408	7.392	2.526	3.384	1.668	0.202	0.007	0.5181	1.717	2.489
(7)	PLUMS	0.136	5.939	2.519	7.321	6.883	1.915	3.322	1.510	0.155	0.005	0.3648	1.508	1.932
DF 14 (7)	PLUMS DRIED (PRUNES)	0.004	0.238	0.034	0.087	0.509	0.611	0.062	0.158	0.047	0.003	0.1532	0.209	0.558
FP 9	POME FRUITS	0.486	84.154	21.927	45.285	61.662	46.169	20.878	12.250	3.427	0.056	11.5829	24.931	45.476
FP 231	QUINCE	0.080	1.335	0.602	0.517	0.160	0.022	0.133	0.251	0.019	No data	0.0597	No data	1.346
FB 272	RASPBERRIES	0.000	0.043	0.001	1.752	0.893	0.211	0.000	0.032	0.017	No data	0.2247	0.025	0.501
FS 12	STONE FRUITS	0.673	43.971	13.860	20.304	20.980	6.421	7.037	5.083	1.420	0.012	2.5810	5.495	17.661
FB 275	STRAWBERRIES	0.008	5.022	2.031	1.665	5.242	4.077	0.031	1.781	0.116	0.000	0.2650	5.005	5.886

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
FC 3	CITRUS INC. TANG.MAND.CLEME NT.STAS	0.645	19.096	12.306	5.542	9.950	11.675	7.016	6.463	0.823	0.172	9.2867	19.151	6.505
FT 312	TREE TOMATOES	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match	No match
FB 19	VACCINIUM BERRIES	0.000	0.042	0.008	0.439	0.283	1.380	0.000	0.015	0.000	0.000	0.0126	0.000	3.939
VC 432	WATERMELON	6.076	43.092	47.131	25.769	4.351	5.966	39.345	13.970	2.453	13.650	8.3584	14.548	13.632
	DRIED FRUIT NES	0.045	0.160	0.086	0.264	0.214	0.342	0.192	0.029	0.157	0.091	0.0190	0.288	0.081
	FRUIT FRESH NES	7.847	2.119	9.582	11.727	1.852	1.384	9.889	5.911	10.172	19.166	12.4941	10.032	0.446
	FRUIT PREPARED NES	0.313	1.472	1.703	0.874	11.646	8.048	1.061	0.906	3.877	0.025	0.4473	12.642	3.230
	FRUIT STONE FRESH NES	0.117	0.501	0.246	6.639	1.096	No data	0.114	0.008	0.019	0.003	0.5360	0.200	No data
	FRUIT TROPICAL FRESH NES	5.492	0.968	1.188	0.019	0.186	0.039	5.669	4.993	2.469	1.158	14.4155	47.706	1.263
(8)	TOTAL FRUITS	91.121	369.923	226.355	183.548	189.648	156.638	149.980	251.067	63.953	88.789	330.5471	220.491	220.690
	TOTAL FRUITS	366.778	370.117	226.355	183.626	189.909	156.668	186.324	307.668	157.302	129.438	423.3559	221.612	222.685

NOTE 1: CHERRIES (FS 13) = SOUR (FS 243) AND SWEET (FS 244)

NOTE 2: ADDED TOGETHER AS APPROPRIATE

NOTE3: FB 269 GRAPES INCLUDES TABLE AND WINE GRAPES

NOTE 4: MAY INCLUDE ORANGE JUICE(JF 4) WITH ORANGES (FC 4)

NOTE 5: FS 247 PEACHES INCLUDES NECTARINES (FS 245) TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION. MAY BE DIVIDED INTO TWO IF BOTH ARE SPECIFIED.

NOTE 6: THIS DISTRIBUTION APPLIES IF CANNED PINEAPPLE (FI 353ca) IS SPECIFIED

NOTE 7: THIS DISTRIBUTION APPLIES IF PRUNES IS SPECIFIED

NOTE 8: THIS TOTAL DOES NOT INCLUDE PLANTAINS

NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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MILK AND MILK PRODUCTS

ML 106 (1)	MILKS	68.839	220.069	79.324	302.423	179.893	239.268	66.016	120.790	82.790	102.318	207.6761	57.098	285.617
ML 810 (1)	MILK BUFFALO	No data	0.564	11.391	6.874	No data	No data	17.993	No data	No data	No data	No data	0.944	No data
ML 811 (1)	MILK CAMEL	16.091	29.909	2.310	No data	No data	No data	0.049	No data	2.002	7.673	No data	No data	No data
ML 812 (1)	MILK CATTLE	34.542	178.513	51.970	284.231	178.601	237.114	41.880	119.252	71.516	36.559	205.6044	55.911	285.435
ML 107 (1)	MILK OF CATTLE GOAT, SHEEP	52.748	189.596	65.623	295.549	179.893	239.268	47.973	120.790	80.788	94.646	207.6761	56.154	285.617
ML 814 (1)	MILK GOAT	8.157	7.045	4.792	5.760	0.885	2.154	5.129	1.538	6.417	36.794	2.0716	0.244	0.182
ML 822 (1)	MILK SHEEP	10.049	4.038	8.861	5.559	0.407	No data	0.964	No data	2.854	21.293	No data	No data	No data
	BUTTER OF COW MILK	0.109	4.685	2.057	4.989	14.503	9.325	0.239	1.066	0.396	0.390	1.2429	1.532	5.574
	CHEESE (SKIM COW MILK)	0.572	1.106	1.897	3.246	8.685	1.411	0.214	0.855	9.541	0.218	0.1477	2.641	3.046
	CHEESE (WHOLE COW MILK)	0.269	22.307	3.718	3.248	35.129	32.789	0.035	3.331	0.699	0.339	2.4990	2.429	32.585
	CREAM FRESH	0.038	6.928	0.117	3.308	11.594	20.062	0.030	0.150	0.062	0.007	0.0917	0.096	1.415
	GHEE(FROM COW MILK)	0.594	No data	0.646	No data	No data	No data	0.051	1.043	0.070	0.214	0.2921	0.021	0.066
	MILK COW WHOLE FRESH	34.542	178.513	51.970	284.231	178.601	237.114	41.880	119.252	71.516	36.559	205.6044	55.911	285.435
	MILK COW DRY	0.577	1.110	2.748	1.020	1.649	1.442	0.289	3.386	0.437	0.880	5.5437	1.136	1.586
	MILK COW SKIM	7.430	50.992	13.051	22.798	59.849	140.058	1.003	3.181	3.186	4.803	8.9732	0.181	33.217
	MILK COW SKIM EVAPORATED	No data	0.808	No data	0.094	2.819	1.181	No data	No data	0.418	No data	No data	No data	0.220
	MILK COW WHOLE CONDENSED	0.306	0.634	0.364	0.613	0.852	0.634	0.209	0.743	0.276	0.175	0.7656	0.044	0.695
	MILK COW WHOLE EVAPORATED	0.443	3.283	0.856	2.506	5.736	4.522	0.186	5.287	0.624	0.209	0.4060	0.526	1.926
	WHEY DRY	0.037	0.110	0.091	No data	No data	No data	0.087	0.371	0.049	0.008	0.6891	0.057	2.750
AO 31	TOTAL MILK AND MILK PRODUCTS	70.312	250.410	85.703	312.225	235.302	293.530	66.347	126.169	93.163	103.097	210.7065	62.286	322.729

NOTE 1: CONSUMPTION VALUES ARE FOR FRESH AND RECONSTITUTED MILK CONSUMED AS SUCH

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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MEAT AND OFFALS

	ASSES MEAT	No data	0.024	No data	No data	No data	No data	0.297	No data	No data	0.593	No data	No data	No data
MM 811	CAMEL MEAT	1.216	0.453	1.330	0.064	No data	No data	0.054	No data	1.774	2.096	No data	No data	No data
MO 812	OFFALS OF CATTLE EDIBLE	2.528	3.258	1.849	6.339	4.616	3.998	1.473	6.517	2.702	1.741	4.7354	2.529	3.344
MO 1280	CATTLE, KIDNEY	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
MO 1281	CATTLE LIVER	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
MM 812 (1)	CATTLE MEAT	13.430	51.546	19.888	36.108	74.769	53.779	9.160	43.367	18.040	10.672	65.5423	25.011	193.466
(1)	BEEF AND VEAL	12.937	36.040	10.816	32.407	44.734	33.158	6.641	18.054	17.503	10.413	24.8034	10.834	126.095
(1)	BEEF AND VEAL BONELESS	0.401	15.313	2.712	3.100	29.723	20.193	0.313	25.304	0.530	0.227	40.7215	11.739	67.370
(1)	BEEF CANNED	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
(1)	BEEF DRIED SALT SMOKED	0.058	0.063	0.006	0.192	0.069	0.428	0.015	0.009	0.007	0.032	0.0175	0.075	0.001
(1)	BUFFALO MEAT	0.035	0.129	6.354	0.409	0.243	No data	2.191	No data	No data	No data	No data	2.363	No data
PM 840	CHICKEN MEAT	5.526	43.117	28.594	22.070	38.618	26.250	12.038	43.320	14.971	4.440	64.0259	26.800	96.715
PO 840	OFFALS LIVER OF CHICKEN	0.268	0.400	5.731	0.101	0.466	0.197	0.429	0.909	1.779	0.003	2.3196	0.853	0.085
PM 841	DUCK MEAT	0.339	0.104	0.916	0.061	3.079	0.098	2.087	0.413	0.113	0.005	0.0995	0.842	0.500
MO 105	EDIBLE OFFAL (MAMMALIAN)	3.780	8.107	3.889	11.705	11.846	7.612	4.405	10.750	4.040	3.604	6.5978	6.435	6.656
	GAME MEAT	3.508	0.327	2.364	0.611	1.188	2.316	0.042	0.525	2.717	2.966	No data	1.002	1.666
MM 814	GOAT MEAT	2.232	1.992	1.698	1.309	0.104	0.045	2.035	0.898	2.085	4.456	0.5580	0.439	0.707
MO 814	OFFALS OF GOAT	0.483	0.273	0.265	0.644	0.026	0.016	0.384	0.184	0.433	0.835	0.0914	0.084	0.109
PM 842	GOOSE MEAT	1.049	0.138	1.386	0.173	0.695	0.004	3.391	0.022	0.028	0.000	0.0126	0.006	0.059
MM 816	HORSEMEAT	0.025	1.185	0.090	1.126	0.807	0.545	0.341	1.591	0.016	0.427	0.1136	0.263	1.758
MM 95	MEAT (MAMMALIAN)	27.618	72.694	38.200	54.973	122.399	131.209	54.763	73.780	31.514	28.445	83.0263	58.569	225.236
MM 96	MEAT (CATTLE, GOAT, HORSE, PIG & SHEEP)	21.112	66.421	32.442	53.099	117.599	128.335	53.459	73.057	26.015	21.713	82.6880	57.359	223.527
MO 96	OFFALS/CATTLE, GOAT, HORSE, PIG & SHEEP	3.680	8.007	3.789	11.605	11.746	7.512	4.305	10.650	3.940	3.504	6.4978	6.335	6.556
MM 97	MEAT OF CATTLE PIGS AND SHEEP	18.855	63.244	30.653	50.664	116.688	127.745	51.082	70.568	23.915	16.831	82.0164	56.657	221.061

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
MO 97	EDIBLE OFFALS /CATTLE, PIGS, SHEEP	3.196	7.734	3.524	10.961	11.721	7.497	3.921	10.465	3.507	2.669	6.4064	6.251	6.447
MM 822	MUTTON AND LAMB	1.939	11.210	10.677	6.521	6.653	4.472	1.830	1.859	2.885	3.580	1.0369	0.715	4.989
MM 818	PIGMEAT	3.486	0.488	0.089	8.034	35.266	69.493	40.092	25.343	2.990	2.578	15.4373	30.931	22.606
MO 818	OFFALS OF PIGS EDIBLE	0.271	3.189	0.007	3.672	6.397	3.118	2.164	3.616	0.229	0.171	1.4953	3.716	1.674
MO 822	OFFALS OF SHEEP EDIBLE	0.398	1.287	1.668	0.951	0.708	0.380	0.284	0.332	0.576	0.758	0.1757	0.006	1.429
PM 110	POULTRY MEAT	No data	0.077	0.417	0.002	0.026	0.005	0.001	No data	1.908	No data	No data	0.005	0.007
PO 111	POULTRY, EDIBLE OFFAL OF	0.268	0.400	5.731	0.101	0.466	0.197	0.429	0.909	1.779	0.003	2.3196	0.853	0.085
PF 111	POULTRY, FATS	No data	0.198	No data	0.035	1.060	0.051	No data	No data	No data	No data	0.0030	No data	No data
PO 113	POULTRY SKIN	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
MM 819	RABBIT MEAT	0.177	5.043	1.793	0.382	1.619	0.019	0.656	0.139	0.161	0.004	0.0695	0.073	0.031
PM 848	TURKEY MEAT	0.231	7.235	0.598	1.600	10.774	0.701	0.068	2.210	0.964	0.192	1.0470	0.138	17.763
	MEAT NES	1.604	0.425	0.271	0.817	1.994	0.540	0.255	0.059	0.847	1.073	0.2688	0.135	0.012
	TOTAL MEAT AND OFFALS	31.665	81.278	48.237	66.781	134.738	139.024	59.598	85.439	39.241	32.053	91.9437	65.862	231.984

NOTE 1: CATTLE MEAT (MM 812) = SUM OF LISTED ITEMS AND INCLUDES BUFFALO MEAT TO BE CONSISTENT WITH FAO FOOD BALANCE SHEET DEFINITION
NES = NOT ELSEWHERE SPECIFIED

CODE	GEMS COMMODITIES	A	B	C	D	E	F	G	H	I	J	K	L	M
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ANIMAL OILS AND FATS

MF 95	FAT, MAMMALIAN	0.826	5.531	0.913	6.388	14.607	3.603	2.787	4.090	0.752	0.656	4.1931	4.448	4.047
MF 812	CATTLE FAT	0.406	0.418	0.259	0.662	No data	No data	0.091	1.456	0.313	0.252	0.5547	0.407	No data
PF 840	CHICKEN FAT	No data	0.198	No data	0.035	1.060	0.051	No data	No data	No data	No data	0.0030	No data	No data
FA 818	LARD	0.270	4.546	0.013	5.161	14.551	3.588	2.522	2.567	0.342	0.175	3.6105	4.014	3.632
	LARD	0.031	4.504	0.001	4.489	10.380	2.727	1.743	1.727	0.180	0.000	2.8150	0.711	2.781
	PIG FAT	0.239	0.043	0.012	0.671	4.171	0.861	0.780	0.840	0.162	0.175	0.7956	3.303	0.851
MF 814	GOAT FAT	0.073	0.080	0.041	0.078	0.003	No data	0.050	0.034	0.061	0.123	0.0121	0.026	0.076
MF 816	HORSE FAT	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match	No Match
MF 822	SHEEP FAT	0.077	0.487	0.601	0.488	0.053	0.015	0.124	0.034	0.037	0.106	0.0158	0.001	0.339
	FAT PREPARATIONS NES	0.052	1.123	0.092	0.216	3.457	4.394	0.255	0.602	0.231	0.041	0.5506	0.228	1.934
	TOTAL ANIMAL OILS AND FATS	0.877	6.852	1.006	6.639	19.124	8.048	3.042	4.692	0.984	0.697	4.7467	4.676	5.981

NES = NOT ELSEWHERE SPECIFIED

	TOTAL DIET	1579.076	2028.352	1554.022	1656.690	1555.473	1419.630	1376.183	1501.440	1345.250	1143.482	1434.9277	1435.532	1782.459
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