

## Indices of data quality

## Liver (C22)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>Africa</b>								
*Algeria, Batna	38	26.3	—	2.7	41	22.0	—	3.1
*Algeria, Tizi Ouzou	30	83.3	—	1.9	31	83.9	—	1.6
*Benin, Cotonou	68	11.8	—	10.6	24	4.2	—	3.4
*France, La Réunion	163	60.1	—	7.7	69	68.1	—	2.6
*Kenya, Eldoret	38	81.6	0.0	3.2	30	76.7	3.3	2.8
*Kenya, Nairobi	134	81.3	9.0	3.5	87	65.5	18.4	3.6
Mauritius	139	43.2	26.6	3.4	128	35.9	33.6	2.9
*Morocco, Casablanca	123	81.3	10.6	1.2	125	83.2	12.0	1.1
*Seychelles	17	52.9	23.5	6.2	6	66.7	33.3	1.7
*South Africa, Eastern Cape	32	62.5	—	3.3	22	59.1	—	1.2
*Uganda, Kyadondo County	194	38.1	2.1	8.9	152	44.1	2.0	5.8
*Uganda, Gulu	78	78.2	1.3	13.8	38	52.6	2.6	6.9
*Zimbabwe, Bulawayo: African	122	69.7	13.9	13.4	81	59.3	24.7	7.8
*Zimbabwe, Harare: African	298	45.3	20.1	15.4	176	41.5	29.5	9.6
<b>Central and South America and the Caribbean</b>								
*Argentina, Entre Rios Province	96	41.7	25.0	4.2	59	33.9	28.8	1.7
*Argentina, Mendoza	311	68.5	23.8	5.8	231	67.5	27.7	3.3
Brazil, Aracaju	63	54.0	17.5	6.3	36	38.9	22.2	2.1
*Brazil, Barretos	93	44.1	50.5	6.9	46	41.3	52.2	2.9
Brazil, Belo Horizonte	372	67.7	29.3	5.3	231	68.0	30.7	2.2
*Brazil, Campinas	237	46.4	35.4	10.0	110	53.6	32.7	3.5
*Brazil, Curitiba	242	56.2	29.8	6.2	142	47.2	36.6	2.6
Brazil, Goiânia	121	69.4	27.3	4.8	64	59.4	37.5	1.9
*Brazil, Jaú	24	62.5	—	5.6	8	75.0	—	1.4
Brazil, João Pessoa	59	57.6	18.6	5.9	58	67.2	8.6	3.7
Brazil, Recife	196	55.6	21.4	8.2	198	54.0	25.3	4.8
Chile, Region of Antofagasta	46	10.9	28.3	4.9	43	23.3	16.3	4.0
Chile, Valdivia	82	9.8	8.5	5.9	55	7.3	9.1	3.0
Colombia, Bucaramanga	132	41.7	20.5	4.6	116	44.0	22.4	2.8
Colombia, Cali	301	75.1	3.7	5.2	324	72.2	7.4	3.7
Colombia, Manizales	43	48.8	—	2.9	39	46.2	—	2.2
Colombia, Pasto	34	50.0	11.8	3.3	38	52.6	13.2	2.3
Costa Rica	343	59.8	6.7	3.5	238	57.1	5.0	2.3
Ecuador, Guayaquil	255	48.2	34.9	5.0	205	50.2	28.3	3.3
Ecuador, Manabí	168	40.5	23.2	4.7	146	34.2	35.6	4.0
Ecuador, Quito	234	55.1	19.2	5.9	253	44.3	28.5	4.9
*France, Guadeloupe	86	47.7	—	5.1	25	56.0	—	0.9
*France, Martinique	52	46.2	—	2.9	32	59.4	—	1.3
*Peru, Lima	773	34.5	26.3	5.5	754	26.5	32.2	4.2
*Trinidad and Tobago	63	90.5	6.3	2.6	36	97.2	0.0	1.3
USA, Puerto Rico	1383	57.0	12.4	8.9	597	54.1	18.3	2.7
*Uruguay	490	45.9	29.0	4.0	201	50.2	33.8	1.1
<b>North America</b>								
Canada, Alberta	1069	58.7	0.0	7.0	452	63.7	0.4	2.8
Canada, British Columbia	1946	38.2	0.8	8.5	777	46.1	1.8	2.8
*Canada, Manitoba	310	36.8	0.3	5.7	152	46.1	0.0	2.4
*Canada, New Brunswick	176	65.3	0.6	4.0	103	73.8	1.0	2.2
*Canada, Newfoundland and Labrador	125	47.2	0.0	4.3	79	48.1	5.1	2.4
Canada, Ontario	4480	60.0	3.6	7.2	1996	53.4	6.6	2.5
*Canada, Prince Edward Island	41	53.7	—	5.5	19	63.2	—	1.9
Canada, Quebec	2855	47.0	13.9	6.8	1284	45.5	21.6	2.5
Canada, Saskatchewan	211	68.2	1.4	4.5	106	62.3	0.0	1.8
*Canada, Yukon	15	73.3	—	10.2	4	50.0	—	2.8
USA	120158	56.7	8.2	9.4	47818	62.1	8.9	3.1
USA: White	92260	57.2	8.3	8.6	36838	63.1	9.2	2.9
USA: Black	17929	54.0	8.4	14.0	6680	60.0	7.6	4.0
USA, NPCR	116096	56.5	8.4	9.4	46196	61.9	9.1	3.1
USA, NPCR: White	89198	57.1	8.5	8.6	35668	62.9	9.4	2.9
USA, NPCR: Black	17698	53.9	8.5	14.0	6594	60.0	7.6	4.0
USA, NPCR: Asian and Pacific Islander	7588	57.7	5.9	13.3	3290	56.6	7.5	4.4
USA, NPCR: American Indian	1250	49.4	10.6	10.9	503	53.3	9.7	3.9
*USA, SEER (18 registries)	34009	53.2	3.7	10.0	13676	58.7	4.7	3.3
*USA, SEER (18 registries): White	24366	52.9	3.8	9.1	9800	60.0	5.1	3.1
*USA, SEER (18 registries): Non-Hispanic White	18046	54.3	3.9	8.0	7066	61.8	5.2	2.6
*USA, SEER (18 registries): Hispanic White	6320	48.8	3.6	14.9	2734	55.4	4.6	5.4
*USA, SEER (18 registries): Black	4512	52.9	3.5	13.8	1618	57.6	3.3	3.8
*USA, SEER (18 registries): Asian and Pacific Islander	4463	55.9	3.2	13.1	1974	54.8	4.4	4.3
*USA, SEER (9 registries)	11456	53.9	2.9	9.7	4608	59.8	3.7	3.2
*USA, SEER (9 registries): White	7712	54.4	3.1	8.3	3039	62.4	3.8	2.8
*USA, SEER (9 registries): Black	1656	50.7	2.3	15.4	633	57.7	2.8	4.5
USA, Alabama	1732	56.5	18.7	8.8	696	59.1	23.4	2.9
USA, Alabama: White	1260	57.8	18.3	8.2	518	59.1	22.8	2.9

\*Important. See note on population page.

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## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>North America (contd)</b>								
USA, Alabama: Black	439	53.5	19.6	<b>10.8</b>	159	61.0	25.8	<b>2.9</b>
USA, Alaska	255	56.5	7.8	<b>9.4</b>	96	53.1	7.3	<b>3.9</b>
*USA, Alaska: Alaska Natives	38	65.8	5.3	<b>11.8</b>	29	48.3	3.4	<b>7.9</b>
USA, Arizona	2459	55.6	15.2	<b>9.1</b>	987	60.9	16.0	<b>3.1</b>
USA, Arizona: White	2146	55.6	15.5	<b>8.7</b>	848	61.0	16.3	<b>3.0</b>
USA, Arizona: Black	94	55.3	16.0	<b>10.3</b>	34	67.6	14.7	<b>3.4</b>
*USA, Arizona: Asian and Pacific Islander	72	66.7	9.7	<b>9.8</b>	40	67.5	15.0	<b>3.9</b>
USA, Arizona: American Indian	141	51.1	11.3	<b>15.2</b>	64	53.1	12.5	<b>5.6</b>
USA, Arkansas	1073	64.1	8.0	<b>8.8</b>	397	69.5	12.6	<b>2.8</b>
USA, Arkansas: White	875	65.1	8.3	<b>8.3</b>	333	68.5	12.6	<b>2.7</b>
USA, Arkansas: Black	167	60.5	6.6	<b>11.9</b>	51	74.5	13.7	<b>3.0</b>
USA, California	15405	49.1	8.0	<b>10.8</b>	6400	54.8	9.4	<b>3.7</b>
USA, California: White	11037	48.0	8.2	<b>10.1</b>	4583	55.3	9.6	<b>3.5</b>
USA, California: Black	1175	48.4	9.1	<b>13.8</b>	434	53.2	9.7	<b>4.2</b>
USA, California: Asian and Pacific Islander	3004	54.3	6.4	<b>13.5</b>	1316	53.6	8.4	<b>4.2</b>
*USA, California, Los Angeles County	3481	55.1	3.9	<b>9.8</b>	1684	60.9	4.6	<b>3.8</b>
*USA, California, Los Angeles County: White	2300	52.8	3.8	<b>9.1</b>	1117	61.7	4.5	<b>3.7</b>
*USA, California, Los Angeles County: Non-Hispanic White	956	54.9	4.2	<b>6.8</b>	426	64.3	5.4	<b>2.6</b>
*USA, California, Los Angeles County: Hispanic White	1344	51.3	3.5	<b>12.4</b>	691	60.1	3.9	<b>5.0</b>
*USA, California, Los Angeles County: Black	369	54.2	6.0	<b>11.6</b>	179	57.5	2.8	<b>4.1</b>
*USA, California, Los Angeles County: Chinese	212	58.0	7.5	<b>9.8</b>	101	57.4	6.9	<b>3.2</b>
*USA, California, Los Angeles County: Filipino	137	70.1	0.0	<b>9.9</b>	75	62.7	8.0	<b>3.2</b>
*USA, California, Los Angeles County: Korean	136	64.0	2.9	<b>14.7</b>	65	60.0	4.6	<b>4.7</b>
*USA, California, Los Angeles County: Asian and Pacific Islander	765	62.9	3.5	<b>11.9</b>	369	60.7	6.0	<b>4.0</b>
*USA, California, San Francisco Bay Area	2149	47.6	3.9	<b>11.7</b>	833	54.1	3.6	<b>3.6</b>
*USA, California, San Francisco Bay Area: White	1174	46.6	4.0	<b>9.8</b>	466	57.9	3.4	<b>3.2</b>
*USA, California, San Francisco Bay Area: Non-Hispanic White	849	48.1	4.6	<b>8.5</b>	316	60.8	3.5	<b>2.6</b>
*USA, California, San Francisco Bay Area: Hispanic White	325	42.8	2.5	<b>16.1</b>	150	52.0	3.3	<b>6.1</b>
*USA, California, San Francisco Bay Area: Black	258	42.2	5.4	<b>17.8</b>	74	51.4	6.8	<b>4.4</b>
*USA, California, San Francisco Bay Area: Asian and Pacific Islander	691	51.2	2.9	<b>14.2</b>	286	49.3	3.1	<b>4.1</b>
USA, Colorado	1671	47.7	6.8	<b>8.1</b>	607	55.7	7.1	<b>2.5</b>
USA, Colorado: White	1469	47.6	7.3	<b>7.6</b>	527	56.7	7.8	<b>2.3</b>
*USA, Colorado: Black	96	44.8	3.1	<b>13.3</b>	33	45.5	0.0	<b>4.3</b>
*USA, Colorado: Asian and Pacific Islander	75	53.3	2.7	<b>14.8</b>	37	54.1	2.7	<b>5.1</b>
USA, Connecticut	1387	70.2	1.3	<b>9.0</b>	507	77.1	1.4	<b>2.6</b>
USA, Connecticut: White	1166	69.7	1.4	<b>8.4</b>	408	79.2	1.2	<b>2.4</b>
USA, Connecticut: Black	142	73.2	1.4	<b>12.4</b>	63	69.8	1.6	<b>4.0</b>
USA, District of Columbia	303	59.7	9.6	<b>15.1</b>	124	62.1	9.7	<b>4.8</b>
USA, District of Columbia: White	43	60.5	11.6	<b>5.1</b>	17	76.5	11.8	<b>1.8</b>
USA, District of Columbia: Black	253	59.3	9.5	<b>23.0</b>	101	60.4	7.9	<b>6.4</b>
USA, Florida	8190	71.4	6.7	<b>9.0</b>	3196	74.6	6.8	<b>2.9</b>
USA, Florida: White	6951	71.5	6.6	<b>8.8</b>	2606	74.4	7.0	<b>2.8</b>
USA, Florida: Black	987	71.4	6.6	<b>9.9</b>	461	75.9	6.1	<b>3.6</b>
USA, Florida: Asian and Pacific Islander	165	75.2	1.2	<b>7.9</b>	88	77.3	0.0	<b>3.2</b>
USA, Georgia	3368	54.9	5.0	<b>9.3</b>	1346	59.2	6.9	<b>3.0</b>
USA, Georgia: White	2217	56.0	5.2	<b>8.5</b>	885	60.0	8.8	<b>2.8</b>
USA, Georgia: Black	990	52.2	4.7	<b>11.1</b>	388	58.2	3.6	<b>3.2</b>
USA, Georgia: Asian and Pacific Islander	155	54.2	3.9	<b>13.7</b>	72	55.6	1.4	<b>5.7</b>
*USA, Georgia, Atlanta	1108	49.9	1.8	<b>9.8</b>	462	56.3	2.6	<b>3.3</b>
*USA, Georgia, Atlanta: White	496	54.0	1.8	<b>7.3</b>	207	58.9	3.4	<b>2.5</b>
*USA, Georgia, Atlanta: Black	497	45.1	1.4	<b>13.3</b>	205	53.7	2.0	<b>3.8</b>
USA, Idaho	538	50.2	8.2	<b>7.9</b>	200	61.0	4.0	<b>2.6</b>
USA, Indiana	2138	62.1	6.0	<b>8.1</b>	858	68.2	4.9	<b>2.7</b>
USA, Indiana: White	1817	63.2	5.8	<b>7.5</b>	749	68.8	5.3	<b>2.6</b>
USA, Indiana: Black	281	55.5	7.8	<b>15.9</b>	97	63.9	2.1	<b>4.3</b>
*USA, Iowa	936	51.8	4.8	<b>7.0</b>	426	58.9	5.6	<b>2.6</b>
USA, Kentucky	1700	49.9	11.2	<b>9.4</b>	678	62.7	10.8	<b>3.2</b>
USA, Louisiana	2198	57.6	4.3	<b>12.4</b>	663	61.5	6.5	<b>3.2</b>
USA, Louisiana: White	1285	59.2	4.4	<b>10.1</b>	432	62.5	6.2	<b>2.9</b>
USA, Louisiana: Black	838	55.0	3.6	<b>18.1</b>	209	59.3	7.2	<b>3.6</b>
*USA, Louisiana, New Orleans	563	50.1	4.8	<b>16.6</b>	162	59.3	6.2	<b>4.0</b>
*USA, Louisiana, New Orleans: White	277	51.6	5.4	<b>13.3</b>	86	57.0	8.1	<b>3.6</b>
*USA, Louisiana, New Orleans: Black	249	47.0	3.6	<b>20.9</b>	65	60.0	4.6	<b>4.2</b>
USA, Maine	438	61.9	12.8	<b>6.3</b>	122	72.1	8.2	<b>1.5</b>
USA, Maryland	2298	55.4	10.5	<b>9.9</b>	930	63.4	10.8	<b>3.2</b>
USA, Maryland: White	1278	57.7	9.0	<b>7.8</b>	538	66.4	10.2	<b>2.8</b>
USA, Maryland: Black	879	50.2	13.3	<b>15.3</b>	322	56.2	12.4	<b>4.1</b>
USA, Maryland: Asian and Pacific Islander	134	67.2	6.0	<b>10.0</b>	64	75.0	7.8	<b>3.6</b>
USA, Massachusetts	2635	58.0	7.6	<b>9.4</b>	943	64.5	8.7	<b>2.7</b>
USA, Massachusetts: White	2159	58.8	8.0	<b>8.5</b>	774	65.2	9.4	<b>2.5</b>
USA, Massachusetts: Black	225	54.7	4.9	<b>14.1</b>	82	67.1	6.1	<b>4.0</b>
USA, Massachusetts: Asian and Pacific Islander	207	55.1	8.2	<b>17.1</b>	77	57.1	5.2	<b>5.3</b>

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## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>North America (contd)</b>								
USA, Michigan	3271	62.0	10.3	7.7	1420	64.1	11.6	2.8
USA, Michigan: White	2499	63.4	11.0	6.7	1087	63.8	13.7	2.4
USA, Michigan: Black	670	56.7	7.5	15.4	279	66.3	3.9	4.8
USA, Michigan: Asian and Pacific Islander	56	66.1	7.1	6.6	32	56.2	0.0	3.0
*USA, Michigan, Detroit	1472	61.9	3.8	9.4	617	61.9	5.8	3.1
*USA, Michigan, Detroit: White	935	64.5	4.3	7.7	377	61.5	7.4	2.4
*USA, Michigan, Detroit: Black	501	57.1	2.8	16.4	215	65.1	2.8	4.9
USA, Minnesota	1758	60.2	5.6	7.7	718	68.4	4.5	2.9
USA, Minnesota: White	1410	61.3	6.0	6.5	591	71.4	3.9	2.5
USA, Minnesota: Black	188	56.4	3.2	28.4	63	54.0	7.9	9.1
*USA, Minnesota: Asian and Pacific Islander	116	55.2	6.0	22.6	43	53.5	2.3	6.7
USA, Mississippi	1166	63.5	3.4	10.2	435	70.1	1.6	3.2
USA, Missouri	2165	57.3	9.7	8.6	864	61.0	11.2	2.9
USA, Missouri: White	1727	59.7	9.8	7.6	699	62.8	12.6	2.6
USA, Missouri: Black	381	47.2	10.0	18.2	136	53.7	4.4	4.7
USA, Montana	344	55.5	7.0	7.3	123	67.5	8.9	2.2
*USA, Montana: American Indian	29	55.2	6.9	14.9	9	88.9	0.0	4.2
USA, Nebraska	465	66.7	6.5	6.2	180	69.4	12.2	2.1
USA, Nebraska: White	376	66.5	6.9	5.3	157	71.3	11.5	1.9
*USA, Nebraska: Black	43	60.5	4.7	17.9	11	63.6	0.0	4.1
USA, Nevada	860	62.9	14.1	7.4	340	65.0	12.1	2.7
USA, Nevada: White	691	60.3	15.1	7.1	256	62.9	12.1	2.5
USA, Nevada: Black	74	74.3	8.1	9.1	31	71.0	6.5	3.3
*USA, Nevada: Asian and Pacific Islander	75	76.0	12.0	7.3	45	68.9	17.8	3.4
USA, New Jersey	3138	62.4	7.7	8.6	1245	68.2	8.2	2.7
USA, New Jersey: White	2405	62.9	7.6	8.2	972	70.1	9.2	2.6
USA, New Jersey: Black	472	55.7	10.0	12.0	183	59.6	4.4	3.4
USA, New Mexico	1010	60.2	5.1	12.1	375	62.4	6.4	3.7
USA, New Mexico: White	863	58.9	5.8	11.7	307	63.5	6.8	3.4
USA, New Mexico: Non-Hispanic White	332	59.9	5.4	6.9	132	62.9	9.8	2.5
USA, New Mexico: Hispanic White	531	58.2	6.0	18.5	175	64.0	4.6	4.8
*USA, New Mexico: American Indian	102	67.6	1.0	16.6	53	56.6	1.9	6.7
USA, New York State	7919	63.1	3.2	10.2	3226	64.0	5.0	3.2
USA, New York State: White	5361	63.2	3.2	8.7	2182	64.7	5.5	2.8
USA, New York State: Black	1544	59.1	3.6	14.6	641	60.4	4.2	4.2
USA, New York State: Asian and Pacific Islander	956	69.7	2.3	16.4	385	67.3	3.4	5.3
USA, North Carolina	3842	58.8	7.9	9.7	1491	65.4	7.0	3.1
USA, North Carolina: White	2819	59.8	7.7	8.9	1090	65.7	6.9	2.9
USA, North Carolina: Black	871	56.1	8.7	12.3	341	64.5	7.6	3.6
USA, North Carolina: Asian and Pacific Islander	79	49.4	3.8	11.3	39	69.2	7.7	4.6
*USA, North Carolina: American Indian	60	68.3	10.0	12.5	17	64.7	5.9	3.0
USA, North Dakota	141	68.1	5.0	4.8	59	71.2	5.1	1.7
USA, Ohio	3773	59.0	14.6	7.6	1654	65.5	14.0	2.8
USA, Ohio: White	3007	60.7	14.8	6.8	1362	66.4	14.5	2.6
USA, Ohio: Black	685	51.8	13.3	14.9	263	63.5	10.3	4.3
*USA, Ohio: Asian and Pacific Islander	68	60.3	14.7	10.1	24	37.5	20.8	2.9
USA, Oklahoma	1403	52.5	12.5	9.4	558	53.9	12.0	3.2
USA, Oklahoma: White	1044	53.2	12.0	8.2	413	54.7	11.4	2.8
USA, Oklahoma: Black	107	52.3	13.1	11.5	40	62.5	0.0	3.6
USA, Oklahoma: American Indian	205	49.3	16.6	18.6	89	50.6	16.9	6.7
USA, Oregon	1866	44.3	11.5	10.8	689	50.8	12.2	3.4
USA, Oregon: White	1625	44.1	12.1	10.0	598	51.7	12.7	3.2
*USA, Oregon: Black	68	44.1	7.4	25.6	16	43.8	12.5	6.1
*USA, Oregon: Asian and Pacific Islander	108	49.1	7.4	19.4	56	44.6	10.7	6.9
USA, Rhode Island	429	62.9	7.7	9.9	167	69.5	9.0	3.1
USA, Rhode Island: White	381	62.5	7.6	9.6	148	71.6	9.5	3.0
*USA, Rhode Island: Black	20	75.0	5.0	8.8	10	40.0	10.0	3.5
USA, South Carolina	1898	60.2	9.0	9.5	686	67.1	9.5	2.7
USA, South Carolina: White	1400	60.1	9.4	9.1	508	66.5	9.6	2.7
USA, South Carolina: Black	477	60.0	8.0	10.8	162	69.1	9.3	2.7
USA, South Dakota	265	54.7	10.2	7.6	94	56.4	7.4	2.3
USA, Tennessee	2581	59.2	12.4	9.8	975	64.9	8.4	3.1
USA, Tennessee: White	2056	59.7	11.9	9.0	770	67.4	8.1	2.9
USA, Tennessee: Black	472	56.8	14.4	14.3	186	55.4	9.1	4.3
USA, Texas	12158	49.9	11.0	13.2	4825	55.0	11.0	4.4
USA, Texas: White	9832	50.1	10.9	12.6	3981	55.4	11.4	4.3
USA, Texas: Black	1742	48.0	11.7	18.3	598	53.5	8.4	5.0
USA, Texas: Asian and Pacific Islander	528	53.6	8.9	13.7	212	51.4	9.4	4.6
USA, Utah	568	50.5	1.1	6.3	261	64.4	3.4	2.6
USA, Vermont	182	48.9	8.2	6.0	61	67.2	8.2	1.8
USA, Washington State	2877	39.1	6.5	10.0	1149	51.3	5.7	3.5
*USA, Washington, Seattle	2097	41.8	1.0	10.7	813	51.2	1.5	3.6

\*Important. See note on population page.

# Indices of data quality

## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>North America (contd)</b>								
USA, West Virginia	715	66.2	5.0	<b>8.2</b>	286	67.1	6.6	<b>2.7</b>
USA, Wyoming	172	61.0	5.8	<b>6.7</b>	62	59.7	1.6	<b>2.2</b>
<b>Asia</b>								
Bahrain: Bahrainis	73	68.5	8.2	<b>6.0</b>	40	82.5	2.5	<b>3.4</b>
Brunei Darussalam	102	68.6	2.0	<b>12.1</b>	46	60.9	4.3	<b>5.3</b>
*China, Anfu County	241	23.7	—	<b>22.9</b>	83	22.9	—	<b>7.7</b>
*China, Anguo City	324	66.7	5.2	<b>24.3</b>	106	68.9	12.3	<b>7.6</b>
*China, Anshan City	1731	25.4	1.1	<b>22.8</b>	616	26.1	3.2	<b>6.9</b>
*China, Aohan Banner, Chifeng City	1098	60.8	2.7	<b>61.1</b>	404	58.4	2.0	<b>21.4</b>
*China, Arongqi	607	60.5	3.6	<b>67.1</b>	200	56.0	3.0	<b>24.5</b>
*China, Baoding City	637	40.7	10.5	<b>17.6</b>	294	33.7	11.9	<b>7.6</b>
*China, Beijing City	5732	36.5	3.7	<b>13.8</b>	2273	36.2	4.3	<b>4.5</b>
*China, Binhai County	1042	37.3	0.5	<b>22.4</b>	532	51.9	0.4	<b>11.4</b>
*China, Cangzhou City	328	39.3	22.6	<b>20.1</b>	110	35.5	24.5	<b>6.5</b>
China, Changfeng County	337	24.0	1.5	<b>19.7</b>	111	25.2	0.9	<b>6.3</b>
China, Changzhou City	2493	31.0	0.6	<b>25.4</b>	922	25.3	0.7	<b>7.8</b>
China, Chengdu City	1217	53.0	4.8	<b>32.6</b>	448	48.2	4.5	<b>11.3</b>
China, Cixian County	453	43.9	0.9	<b>26.2</b>	188	38.3	2.7	<b>10.1</b>
China, Cixi City	1342	34.2	14.2	<b>27.7</b>	458	34.3	15.9	<b>8.4</b>
*China, Dafeng District, Yancheng City	1032	29.5	0.6	<b>30.0</b>	438	30.6	0.7	<b>11.1</b>
China, Dalian City	2821	24.1	2.3	<b>25.3</b>	989	22.3	3.1	<b>7.4</b>
*China, Dancheng County	1347	39.6	0.7	<b>41.7</b>	909	38.7	2.8	<b>26.8</b>
China, Dangtu County	250	24.0	6.0	<b>20.0</b>	121	19.8	2.5	<b>9.3</b>
*China, Danyang City	975	39.7	0.7	<b>27.1</b>	433	40.2	1.6	<b>10.2</b>
*China, Dawukou District, Shizuishan City	247	46.6	2.0	<b>24.7</b>	116	41.4	0.9	<b>10.7</b>
*China, Dehui City	958	50.6	5.6	<b>30.7</b>	355	41.4	5.1	<b>12.0</b>
*China, Donggang County	1108	10.1	4.7	<b>38.8</b>	475	13.5	2.9	<b>15.7</b>
*China, Dongguan City	1375	38.8	1.4	<b>34.7</b>	358	36.0	3.1	<b>7.3</b>
China, Donghai County	1037	33.3	4.2	<b>24.4</b>	428	28.7	4.9	<b>10.5</b>
*China, Dongtai City	1213	30.6	0.2	<b>25.5</b>	527	32.3	0.4	<b>9.9</b>
China, Duanzhou District, Zhaoqing City	434	45.6	3.0	<b>36.8</b>	134	43.3	2.2	<b>10.9</b>
*China, Evenki Autonomous Banner	88	11.4	3.4	<b>29.8</b>	37	21.6	5.4	<b>12.2</b>
*China, Faku County	475	15.2	1.3	<b>23.2</b>	150	12.7	3.3	<b>6.9</b>
*China, Fangcheng County	548	66.4	—	<b>23.3</b>	221	60.6	—	<b>10.2</b>
*China, Feicheng City	969	11.6	3.0	<b>24.1</b>	319	9.4	3.4	<b>7.0</b>
China, Feixi County	932	31.0	0.9	<b>22.8</b>	329	29.5	0.6	<b>7.4</b>
China, Fuqing City	1348	57.4	10.3	<b>49.5</b>	370	61.4	11.4	<b>13.5</b>
*China, Ganyu District, Lianyungang City	967	25.5	3.1	<b>22.8</b>	313	25.6	5.1	<b>6.9</b>
*China, Ganzhou District, Zhangye City	335	46.9	0.3	<b>35.4</b>	135	48.9	0.7	<b>15.0</b>
*China, Gaocheng City	555	25.4	5.4	<b>24.2</b>	160	21.2	5.0	<b>6.1</b>
China, Gaomi City	904	27.5	2.8	<b>29.9</b>	316	29.1	4.7	<b>9.0</b>
China, Gong'an County	1086	70.0	0.9	<b>32.0</b>	380	68.9	1.1	<b>10.6</b>
*China, Guang'an District, Guang'an City	913	57.8	7.0	<b>47.5</b>	234	56.8	7.3	<b>11.9</b>
China, Guanghan City	517	65.2	1.0	<b>31.2</b>	163	65.6	0.6	<b>8.3</b>
China, Guangzhou City	10023	36.4	1.6	<b>32.1</b>	2603	34.7	2.1	<b>7.1</b>
*China, Guanyun County	1222	22.4	1.7	<b>34.5</b>	425	20.7	0.7	<b>12.1</b>
China, Guilin City	841	32.8	0.8	<b>36.8</b>	244	39.8	0.8	<b>10.0</b>
*China, Hai'an City	1237	31.9	0.0	<b>25.3</b>	459	28.1	0.4	<b>8.1</b>
China, Hailar District, Hulun Buir City	299	20.1	4.0	<b>26.3</b>	111	22.5	3.6	<b>8.8</b>
China, Haimen District, Nantong City	1633	23.3	0.4	<b>35.9</b>	675	18.5	0.1	<b>12.4</b>
China, Haining City	546	39.4	2.7	<b>16.8</b>	244	32.0	6.6	<b>6.6</b>
China, Hangzhou City	6094	30.7	4.3	<b>19.2</b>	2095	29.4	4.6	<b>5.9</b>
China, Hebi City	326	44.2	0.9	<b>25.6</b>	160	48.8	1.9	<b>11.5</b>
China, Hefei City	1691	34.9	5.4	<b>19.9</b>	640	32.2	7.8	<b>7.2</b>
China, Hengdong County	444	38.5	1.6	<b>27.7</b>	89	20.2	1.1	<b>5.8</b>
*China, Hengfeng County	217	24.9	0.9	<b>34.4</b>	90	32.2	3.3	<b>14.7</b>
*China, Hepu County	1701	20.0	5.2	<b>59.1</b>	338	17.2	6.2	<b>11.5</b>
China, Honghu City	1024	38.3	0.1	<b>34.5</b>	386	36.3	0.3	<b>11.7</b>
China, Hongshan District, Chifeng City	330	31.5	—	<b>25.0</b>	139	33.8	—	<b>9.5</b>
*China, Hongta District, Yuxi City	229	62.9	3.9	<b>13.9</b>	135	59.3	3.7	<b>7.6</b>
*China, Huaiyin District, Huai'an City	1020	31.4	3.3	<b>29.0</b>	348	25.9	2.9	<b>9.6</b>
*China, Jiange County	548	20.8	0.9	<b>32.5</b>	214	21.0	0.0	<b>12.1</b>
China, Jiangmen City	920	17.9	1.5	<b>38.7</b>	194	12.9	0.0	<b>7.0</b>
*China, Jiangyin City	1212	27.8	0.7	<b>21.7</b>	449	27.2	0.0	<b>6.8</b>
*China, Jiashan County	494	30.6	0.2	<b>22.7</b>	235	29.8	2.6	<b>9.3</b>
China, Jiayu County	233	37.8	8.2	<b>30.2</b>	77	36.4	7.8	<b>10.0</b>
*China, Jinan City	2283	59.2	5.5	<b>24.8</b>	789	58.9	4.3	<b>7.2</b>
*China, Jingtai County	291	34.7	3.8	<b>40.2</b>	106	24.5	11.3	<b>15.5</b>
*China, Jingxian County	255	44.7	3.9	<b>17.8</b>	108	45.4	4.6	<b>8.6</b>
*China, Jintan District, Changzhou City	509	27.1	1.6	<b>21.3</b>	260	30.0	1.5	<b>10.1</b>
*China, Jiulongpo District, Chongqing City	1041	33.6	1.1	<b>33.1</b>	327	33.9	0.6	<b>9.3</b>
*China, Jiyuan City	498	28.3	2.4	<b>29.6</b>	263	30.8	2.3	<b>14.4</b>

\*Important. See note on population page.

## Indices of data quality

## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>Asia (contd)</b>								
China, Kaihua County	344	30.5	0.6	<b>26.6</b>	105	24.8	0.0	<b>8.1</b>
China, Kunshan City	755	40.4	1.3	<b>21.6</b>	401	31.4	1.5	<b>9.1</b>
China, Langzhong City	447	31.5	0.2	<b>22.4</b>	167	24.0	0.6	<b>8.7</b>
*China, Liangshan County	847	60.7	4.7	<b>28.9</b>	288	63.2	4.5	<b>8.9</b>
*China, Lianshui County	876	38.9	0.2	<b>20.8</b>	375	38.9	0.3	<b>8.6</b>
China, Lianyungang City	875	19.1	2.7	<b>22.9</b>	272	15.4	5.1	<b>6.5</b>
China, Linhe District, Bayannur City	307	36.5	3.6	<b>23.0</b>	107	31.8	3.7	<b>7.6</b>
China, Linqu County	863	33.7	2.2	<b>24.3</b>	384	35.4	3.1	<b>9.9</b>
*China, Linzhou City	630	39.0	3.8	<b>17.8</b>	341	38.4	2.6	<b>8.6</b>
China, Liuzhou City	1446	25.0	0.8	<b>38.0</b>	382	20.7	0.5	<b>9.7</b>
China, Liyang City	636	34.0	0.2	<b>16.3</b>	240	35.8	0.4	<b>5.4</b>
*China, Longquan City	336	28.0	1.8	<b>33.5</b>	108	33.3	0.9	<b>11.0</b>
China, Lucheng District, Wenzhou City	637	31.1	6.6	<b>33.3</b>	174	35.1	9.2	<b>7.9</b>
China, Luoding City	853	19.2	9.4	<b>37.6</b>	200	17.0	13.0	<b>8.9</b>
*China, Luohe City	1380	38.5	4.8	<b>35.2</b>	618	32.4	3.9	<b>13.6</b>
*China, Luoyang City	907	41.9	4.1	<b>21.3</b>	404	36.4	3.7	<b>8.9</b>
*China, Luquan City	218	28.4	6.4	<b>18.7</b>	96	30.2	2.1	<b>7.2</b>
China, Ma'an Shan City	509	22.8	1.0	<b>23.6</b>	193	26.4	0.5	<b>7.7</b>
*China, Macheng City	749	34.3	0.4	<b>29.9</b>	234	21.8	0.9	<b>9.8</b>
China, Meihekou City	624	55.4	2.7	<b>25.8</b>	270	55.6	2.6	<b>12.3</b>
*China, Mengjin County	233	41.2	3.0	<b>20.8</b>	106	45.3	2.8	<b>7.6</b>
China, Nangang District, Harbin City	840	29.9	9.9	<b>20.6</b>	311	29.9	11.6	<b>6.2</b>
*China, Nanhai District, Foshan City	1301	44.0	—	<b>47.7</b>	350	47.7	—	<b>10.6</b>
China, Nanhu District, Jiaying City	631	20.3	1.7	<b>22.8</b>	287	18.1	1.4	<b>9.0</b>
*China, Nantong City	1555	28.2	1.2	<b>30.4</b>	609	28.9	1.1	<b>9.3</b>
*China, Nanxiong City	918	23.4	2.1	<b>62.5</b>	191	21.5	6.3	<b>11.3</b>
China, Neixiang County	452	12.8	1.1	<b>19.0</b>	191	9.4	1.6	<b>7.7</b>
*China, Qianxi County	503	40.8	2.2	<b>34.8</b>	210	33.3	4.8	<b>15.3</b>
China, Qidong City	2734	29.7	0.0	<b>47.5</b>	1202	27.0	0.0	<b>16.7</b>
China, Qingzhou City	643	7.5	1.4	<b>19.8</b>	229	12.2	2.6	<b>6.1</b>
*China, Rudong County	1537	14.5	0.8	<b>26.5</b>	637	13.5	0.5	<b>9.7</b>
*China, Rugao City	2438	38.2	0.3	<b>36.5</b>	873	39.3	0.2	<b>11.6</b>
*China, Rural areas of Shanghai City	8138	36.2	0.5	<b>18.0</b>	3457	30.4	0.8	<b>6.2</b>
China, Ruyang County	171	30.4	4.7	<b>14.2</b>	86	36.0	0.0	<b>6.8</b>
*China, Shan County	1023	35.9	0.2	<b>42.1</b>	399	38.8	0.3	<b>12.7</b>
China, Shanghai City	5731	36.0	0.3	<b>15.5</b>	2536	34.0	0.7	<b>5.3</b>
China, Shangyu District, Shaoxing City	972	25.1	0.3	<b>28.1</b>	352	26.7	0.0	<b>9.6</b>
*China, Shapingba District, Chongqing City	872	34.4	1.1	<b>25.5</b>	314	24.2	2.2	<b>8.4</b>
China, Shexian County	282	35.1	0.0	<b>21.0</b>	124	40.3	3.2	<b>9.1</b>
China, Sheyang County	1357	13.0	0.3	<b>32.6</b>	564	23.4	0.0	<b>13.1</b>
*China, Shijiazhuang City	990	34.9	8.2	<b>19.2</b>	361	33.0	8.6	<b>6.4</b>
China, Shunde District, Foshan City	2380	32.4	—	<b>68.0</b>	478	30.1	—	<b>10.4</b>
*China, Song County	315	35.2	2.5	<b>19.1</b>	161	37.3	1.9	<b>9.6</b>
China, Suzhou City	2718	43.0	5.0	<b>16.9</b>	1326	41.0	5.9	<b>6.8</b>
*China, Tengzhou City	1374	40.3	1.9	<b>24.5</b>	438	34.0	3.2	<b>7.1</b>
*China, Wangdu County	133	56.4	3.0	<b>19.6</b>	47	53.2	4.3	<b>6.8</b>
*China, Wanzai County	611	42.4	3.3	<b>52.3</b>	211	28.4	2.8	<b>17.6</b>
*China, Wu'an City	407	42.3	24.8	<b>17.3</b>	195	39.0	32.3	<b>8.3</b>
China, Wuhan City	4752	69.4	0.1	<b>22.1</b>	1680	70.3	0.1	<b>6.7</b>
*China, Wuhu City	760	23.2	1.1	<b>14.4</b>	317	22.4	2.5	<b>5.4</b>
China, Wuxi City	2189	25.3	0.8	<b>18.7</b>	931	21.6	0.9	<b>6.7</b>
China, Wuzhou City	938	14.4	4.6	<b>48.2</b>	220	13.2	6.8	<b>11.1</b>
China, Xiangfu District, Kaifeng City	617	52.4	0.3	<b>32.0</b>	222	49.5	0.0	<b>10.8</b>
China, Xianju County	834	34.7	3.4	<b>41.5</b>	235	40.0	6.8	<b>11.8</b>
*China, Xin'an County	294	36.4	1.4	<b>25.3</b>	138	29.7	0.7	<b>11.1</b>
*China, Xining City	793	50.9	1.6	<b>36.4</b>	331	43.2	1.8	<b>13.5</b>
*China, Xinji City	342	34.5	7.0	<b>12.9</b>	160	33.8	8.1	<b>5.2</b>
*China, Xinluo District, Longyan City	282	30.5	—	<b>23.4</b>	79	36.7	—	<b>6.0</b>
*China, Xinzhou District, Shangrao City	319	25.1	2.2	<b>23.9</b>	125	18.4	8.0	<b>9.1</b>
China, Xiping County	918	29.5	4.1	<b>33.8</b>	405	23.5	4.7	<b>13.3</b>
*China, Xishan District, Kunming City	262	54.6	1.9	<b>15.9</b>	109	50.5	3.7	<b>6.1</b>
*China, Xuyi County	622	29.7	1.0	<b>25.0</b>	215	31.2	1.9	<b>7.7</b>
*China, Ya'an City	1610	35.7	3.0	<b>30.1</b>	565	33.6	3.0	<b>10.5</b>
*China, Yakeshi City	454	26.7	8.8	<b>29.1</b>	145	31.0	8.3	<b>8.9</b>
China, Yancheng City	1529	37.7	1.3	<b>26.6</b>	614	36.8	1.0	<b>10.1</b>
*China, Yangquan City	363	77.4	11.6	<b>16.6</b>	151	78.8	14.6	<b>7.2</b>
*China, Yangzhong City	216	31.5	1.4	<b>15.2</b>	123	31.7	0.0	<b>7.5</b>
*China, Yanji City	991	11.3	7.4	<b>47.7</b>	392	10.5	6.4	<b>15.7</b>
*China, Yanshi City	467	37.9	4.3	<b>20.4</b>	221	27.1	3.2	<b>8.4</b>
China, Yanting County	1052	52.9	3.4	<b>54.9</b>	512	56.4	3.3	<b>27.0</b>
*China, Yi'an District, Tongling City	233	24.5	6.0	<b>22.8</b>	84	25.0	4.8	<b>7.9</b>
*China, Yingdong District, Fuyang City	800	20.1	0.8	<b>36.2</b>	246	16.7	1.2	<b>10.7</b>

\*Important. See note on population page.



## Indices of data quality

## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>Asia (contd)</b>								
*China, Yinzhou District, Ningbo City	194	26.8	0.5	<b>20.3</b>	67	28.4	0.0	<b>6.1</b>
*China, Yiyuan County	442	36.9	0.9	<b>22.3</b>	176	31.8	1.7	<b>8.2</b>
China, Yong'an City	326	17.2	1.2	<b>24.8</b>	91	26.4	0.0	<b>6.9</b>
*China, Yongding District, Longyan City	608	51.8	0.3	<b>36.8</b>	163	50.3	1.8	<b>9.6</b>
China, Yongkang City	817	32.7	8.3	<b>34.8</b>	246	33.7	10.2	<b>9.5</b>
*China, Yucheng County	576	70.8	0.3	<b>29.5</b>	336	59.5	0.3	<b>15.9</b>
China, Yueyanglou District, Yueyang City	281	35.2	5.0	<b>25.0</b>	86	29.1	5.8	<b>8.0</b>
China, Yunmeng County	1015	64.7	0.0	<b>62.7</b>	603	60.4	0.2	<b>34.4</b>
*China, Yunyang District, Shiyan City	364	45.1	1.4	<b>32.1</b>	119	32.8	1.7	<b>11.0</b>
China, Yuzhong District, Chongqing City	633	42.8	1.4	<b>27.4</b>	183	47.0	1.1	<b>7.1</b>
*China, Zanhuan County	159	30.8	5.0	<b>18.9</b>	72	38.9	5.6	<b>8.8</b>
*China, Zhangjiagang City	1040	22.9	3.7	<b>24.0</b>	441	32.7	2.7	<b>8.6</b>
*China, Zhaoyuan City	1078	18.4	1.7	<b>41.4</b>	365	17.0	1.6	<b>12.2</b>
*China, Zhengding County	398	22.9	9.5	<b>29.9</b>	97	20.6	11.3	<b>6.1</b>
*China, Zhongshan City	2289	26.5	—	<b>43.4</b>	440	25.9	—	<b>7.4</b>
China, Zhongxiang City	1054	62.2	0.6	<b>29.9</b>	354	56.5	1.1	<b>9.8</b>
*China, Zhuanghe City	1307	45.8	0.1	<b>29.9</b>	439	35.5	0.0	<b>9.4</b>
*China, Zhuhai City	1317	39.3	3.8	<b>35.9</b>	288	34.4	5.9	<b>8.2</b>
India, Ahmedabad, Urban	198	95.5	0.5	<b>1.8</b>	57	93.0	1.8	<b>0.5</b>
India, Aurangabad	30	93.3	3.3	<b>1.2</b>	15	86.7	13.3	<b>0.6</b>
India, Bangalore	651	87.4	9.1	<b>6.1</b>	244	88.5	9.0	<b>2.3</b>
India, Barshi, Paranda, and Bhum	52	67.3	1.9	<b>3.6</b>	8	75.0	0.0	<b>0.7</b>
*India, Bhopal	54	83.3	—	<b>2.1</b>	31	90.3	—	<b>1.3</b>
India, Chandigarh	62	43.5	9.7	<b>2.7</b>	21	61.9	4.8	<b>1.2</b>
*India, Chennai	577	74.5	10.6	<b>4.8</b>	209	70.8	14.4	<b>1.7</b>
India, Dibrugarh	103	24.3	28.2	<b>3.5</b>	55	27.3	14.5	<b>1.9</b>
*India, Dindigul, Ambilikkai	107	71.0	4.7	<b>1.8</b>	41	85.4	7.3	<b>0.6</b>
India, Kamrup Urban District	155	50.3	27.1	<b>6.8</b>	82	42.7	20.7	<b>3.5</b>
India, Kollam	409	23.7	1.0	<b>6.4</b>	105	29.5	1.9	<b>1.4</b>
*India, Manipur	110	83.6	1.8	<b>2.3</b>	54	75.9	0.0	<b>1.1</b>
India, Meghalaya	84	71.4	21.4	<b>3.5</b>	42	66.7	23.8	<b>1.4</b>
India, Mizoram	174	81.0	—	<b>10.2</b>	96	78.1	—	<b>5.7</b>
India, Mumbai	2060	82.3	13.2	<b>6.8</b>	999	81.2	15.4	<b>3.3</b>
*India, New Delhi	988	80.1	14.6	<b>4.7</b>	480	83.5	10.6	<b>2.3</b>
India, Poona	433	94.2	3.7	<b>3.8</b>	184	91.3	3.8	<b>1.6</b>
*India, Sangrur District	139	49.6	1.4	<b>5.4</b>	30	46.7	0.0	<b>1.3</b>
India, SAS Nagar	89	75.3	1.1	<b>3.8</b>	39	69.2	0.0	<b>1.8</b>
*India, Tamil Nadu	3907	80.5	2.4	<b>2.0</b>	1328	79.9	3.0	<b>0.6</b>
*India, Tripura	127	79.5	—	<b>1.9</b>	84	83.3	—	<b>1.3</b>
India, Trivandrum	535	43.0	0.0	<b>6.6</b>	151	49.0	0.7	<b>1.7</b>
India, Wardha	168	57.7	27.4	<b>4.4</b>	67	65.7	20.9	<b>1.9</b>
India, West Arunachal	201	91.0	0.0	<b>22.0</b>	71	93.0	1.4	<b>8.0</b>
*Iran (Islamic Republic of), Ardabil Province	94	20.2	43.6	<b>4.8</b>	57	29.8	28.1	<b>3.0</b>
*Iran (Islamic Republic of), Golestan Province	99	57.6	16.2	<b>4.3</b>	68	57.4	13.2	<b>3.0</b>
Israel	917	66.3	24.9	<b>3.6</b>	559	59.2	31.7	<b>1.6</b>
*Israel: Jews	726	67.2	24.5	<b>3.3</b>	468	58.3	32.3	<b>1.6</b>
*Israel: Arabs	116	62.1	27.6	<b>4.1</b>	49	69.4	22.4	<b>1.5</b>
Japan	84102	33.4	11.2	<b>16.2</b>	42096	26.0	15.4	<b>5.3</b>
Japan, Aichi Prefecture	3712	34.1	6.4	<b>13.3</b>	1838	28.3	10.3	<b>4.8</b>
*Japan, Akita Prefecture	583	33.6	0.0	<b>11.8</b>	305	25.9	1.6	<b>3.7</b>
Japan, Aomori Prefecture	1525	20.3	2.4	<b>17.0</b>	879	16.3	4.1	<b>5.8</b>
Japan, Gunma Prefecture	1221	25.5	3.7	<b>14.7</b>	679	18.6	4.7	<b>5.5</b>
Japan, Hiroshima Prefecture	3356	49.5	3.0	<b>20.8</b>	1575	37.5	7.4	<b>6.1</b>
Japan, Miyagi Prefecture	2066	33.6	6.7	<b>13.4</b>	1036	23.1	11.9	<b>4.2</b>
Japan, Osaka Prefecture	7073	35.8	9.5	<b>20.1</b>	3502	29.6	13.0	<b>6.7</b>
Kuwait	237	46.4	11.8	<b>4.2</b>	80	47.5	26.2	<b>2.3</b>
*Kuwait: Kuwaitis	98	54.1	13.3	<b>5.8</b>	50	56.0	22.0	<b>2.3</b>
*Kuwait: Non-Kuwaitis	139	41.0	10.8	<b>3.1</b>	30	33.3	33.3	<b>2.2</b>
*Philippines, Manila	1672	49.9	14.9	<b>16.1</b>	724	47.7	13.1	<b>5.5</b>
*Qatar: Qatari	34	38.2	5.9	<b>9.3</b>	21	38.1	0.0	<b>5.2</b>
Republic of Korea	59464	39.8	1.3	<b>29.9</b>	20175	38.8	2.5	<b>8.2</b>
*Republic of Korea, Busan	5276	37.5	1.6	<b>35.7</b>	1824	35.6	3.5	<b>9.5</b>
*Republic of Korea, Daegu	2736	45.3	0.9	<b>28.8</b>	901	44.2	2.9	<b>7.5</b>
*Republic of Korea, Daejeon	1361	39.4	1.0	<b>25.2</b>	490	40.2	1.8	<b>7.5</b>
*Republic of Korea, Gwangju	1624	34.3	1.0	<b>32.5</b>	538	32.7	2.4	<b>8.4</b>
Republic of Korea, Incheon	2907	51.4	1.0	<b>26.7</b>	1007	48.1	1.2	<b>8.1</b>
Republic of Korea, Jeju	849	34.3	0.1	<b>35.9</b>	306	32.4	0.7	<b>9.6</b>
Republic of Korea, Seoul	10084	39.4	1.1	<b>26.8</b>	3376	40.9	1.7	<b>7.4</b>
Republic of Korea, Ulsan	1244	41.1	0.7	<b>31.5</b>	383	38.4	1.6	<b>8.8</b>
Singapore	2751	41.9	0.5	<b>18.0</b>	1022	42.2	1.1	<b>5.4</b>
Singapore: Chinese	2329	43.2	0.6	<b>18.9</b>	873	42.5	1.0	<b>5.5</b>
Singapore: Indian	124	37.1	0.8	<b>11.7</b>	36	38.9	0.0	<b>3.2</b>

\*Important. See note on population page.

## Indices of data quality

## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>Asia (contd)</b>								
Singapore: Malay	252	32.5	0.4	15.7	96	40.6	1.0	5.7
Thailand, Bangkok	3177	41.0	11.0	18.0	1319	42.2	14.4	6.0
*Thailand, Chiang Mai	2045	15.9	1.7	35.9	867	22.5	1.8	12.6
*Thailand, Khon Kaen	2437	10.1	3.9	39.3	926	10.8	2.2	12.3
Thailand, Lampang	1242	17.4	1.6	40.9	549	21.5	1.8	15.7
Thailand, Lopburi Province	1018	16.5	5.9	43.7	401	20.7	5.7	14.7
*Thailand, Songkhla	649	17.1	6.5	15.8	263	24.7	4.6	5.2
Turkey, Antalya	280	79.6	2.5	4.6	110	66.4	2.7	1.7
Turkey, Bursa	310	81.0	13.9	4.0	141	66.0	29.1	1.5
*Turkey, Edirne	120	49.2	5.8	7.7	31	51.6	3.2	1.8
*Turkey, Erzurum	92	63.0	20.7	5.0	66	60.6	21.2	3.0
Turkey, Eskişehir	90	88.9	4.4	3.4	44	86.4	4.5	1.4
Turkey, Gaziantep	268	34.0	4.5	8.1	99	23.2	4.0	2.6
*Turkey, Izmir	680	49.0	7.5	5.2	328	51.2	14.0	2.0
Turkey, Malatya	99	50.5	28.3	4.7	35	51.4	34.3	1.4
Turkey, Samsun	147	76.9	6.1	3.6	72	55.6	18.1	1.5
Turkey, Trabzon	137	51.1	11.7	5.5	49	42.9	8.2	1.3
<b>Europe</b>								
Austria	3606	68.7	14.6	8.5	1475	65.1	17.9	2.7
Austria, Carinthia	264	71.6	2.3	8.5	106	63.2	1.9	2.4
Austria, Tyrol	251	65.7	0.0	7.8	83	66.3	1.2	1.9
Austria, Vorarlberg	129	73.6	3.9	6.9	60	65.0	6.7	2.4
Belarus	1452	81.5	0.3	4.6	781	80.0	0.1	1.5
*Belgium	3333	69.6	—	6.5	1345	73.8	—	2.2
Croatia	1704	65.7	10.5	8.3	809	53.4	13.1	2.6
Cyprus	160	66.9	25.6	4.1	99	63.6	32.3	2.4
*Czech Republic	3264	62.4	1.9	6.4	1724	58.5	2.1	2.5
Denmark	1593	62.3	3.1	5.6	637	68.0	4.7	2.0
Estonia	335	80.6	2.1	6.2	231	76.2	2.2	2.6
Finland	1780	76.6	2.2	5.8	904	70.7	1.9	2.4
*France, Bas-Rhin	536	60.8	—	12.8	166	60.2	—	3.1
*France, Calvados	492	41.5	—	14.0	123	43.1	—	2.8
*France, Doubs	333	48.0	—	12.8	102	60.8	—	3.1
*France, Gironde	742	61.5	—	10.7	229	59.0	—	2.4
*France, Haut-Rhin	449	52.8	—	11.3	147	55.1	—	3.0
*France, Hérault	716	54.9	—	13.9	197	54.3	—	2.7
*France, Isère	663	53.4	—	11.6	193	60.6	—	2.5
*France, Lille-Métropole	456	39.3	—	16.1	146	48.6	—	3.6
*France, Limousin	247	47.4	—	12.5	64	64.1	—	2.8
*France, Loire-Atlantique	1119	40.7	—	18.4	201	44.8	—	2.3
*France, Manche	349	46.4	—	12.2	85	51.8	—	2.1
*France, Poitou-Charentes	1112	53.8	—	11.0	325	55.4	—	2.5
*France, Somme	312	59.3	—	11.2	94	58.5	—	2.6
*France, Tarn	160	48.1	—	7.4	53	56.6	—	1.8
*France, Territoire de Belfort	61	47.5	—	10.8	18	72.2	—	2.4
*France, Vendée	678	49.7	—	17.8	121	47.1	—	2.7
Germany, Baden-Württemberg	2462	57.8	11.9	6.8	1028	54.0	16.7	2.3
Germany, Bavaria	5421	69.8	17.7	7.9	2059	66.0	24.8	2.5
Germany, Bremen	217	69.1	24.4	6.0	94	64.9	28.7	2.4
Germany, Hamburg	620	77.9	7.9	7.1	312	77.6	9.0	2.7
Germany, Lower Saxony	2674	70.7	16.4	5.8	1288	68.3	19.9	2.3
Germany, North Rhine-Westphalia	6127	60.2	23.1	6.2	3119	54.4	31.6	2.5
Germany, Rhineland-Palatinate	1671	59.4	25.7	7.1	845	53.1	31.5	3.0
Germany, Saarland	502	64.3	17.7	8.6	242	52.9	28.9	3.3
Germany, Schleswig-Holstein	854	58.4	6.8	5.0	436	62.2	6.0	2.3
Iceland	73	65.8	1.4	5.2	31	61.3	0.0	1.7
Ireland	1052	55.9	1.5	5.8	441	55.8	2.0	2.0
*Italy, Aosta Valley	90	27.8	—	16.1	38	47.4	—	6.1
*Italy, Avellino	183	36.1	1.1	13.3	76	27.6	2.6	3.4
Italy, Basilicata	432	26.4	0.7	13.0	178	28.7	4.5	3.7
*Italy, Benevento	164	32.9	1.2	14.2	59	23.7	10.2	3.4
Italy, Bergamo	958	45.4	1.9	16.2	488	33.4	5.1	5.1
*Italy, Brescia	984	49.9	3.3	15.7	436	39.4	7.1	4.5
Italy, Brianza (Lecco and Monza e Brianza)	496	42.5	5.2	13.0	245	34.3	11.4	3.9
Italy, Calabria	264	61.7	4.2	9.2	124	49.2	6.5	3.1
*Italy, Caserta	473	34.2	3.4	14.5	227	35.7	4.8	5.2
*Italy, Catania, Messina, and Enna	876	30.5	2.2	9.0	426	32.2	6.1	3.1
Italy, Emilia-Romagna	2296	45.2	0.8	11.2	1048	37.4	1.6	3.2
Italy, Friuli-Venezia Giulia	1043	50.3	0.2	13.4	387	43.2	0.5	3.4
Italy, Genova	482	37.6	2.3	11.8	215	30.2	5.1	3.0
*Italy, Lombardy, South, Pavia	480	48.8	0.8	13.7	266	43.2	2.6	4.6
Italy, Mantova and Cremona	467	47.5	0.4	13.0	195	46.7	2.6	3.8

\*Important. See note on population page.

# Indices of data quality

## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>Europe (contd)</b>								
Italy, Marche	476	60.9	2.1	<b>6.8</b>	206	46.1	3.9	<b>2.0</b>
Italy, Milan	2422	48.0	0.8	<b>12.8</b>	1133	40.4	1.9	<b>3.8</b>
Italy, Molise	132	46.2	7.6	<b>12.1</b>	49	34.7	12.2	<b>2.6</b>
*Italy, Naples Centre	471	29.7	5.1	<b>17.9</b>	258	28.7	10.1	<b>6.4</b>
*Italy, Naples North	560	38.0	6.4	<b>17.1</b>	306	28.1	13.4	<b>7.2</b>
*Italy, Naples South	915	31.6	3.2	<b>18.2</b>	495	26.1	6.9	<b>7.1</b>
*Italy, Nuoro	123	30.9	4.1	<b>16.6</b>	58	25.9	8.6	<b>5.3</b>
*Italy, Palermo	680	38.7	6.2	<b>11.0</b>	373	33.8	11.3	<b>4.1</b>
Italy, Puglia	2548	37.8	2.5	<b>11.4</b>	1169	32.6	6.1	<b>3.4</b>
*Italy, Ragusa and Caltanissetta	309	26.9	3.9	<b>9.9</b>	143	22.4	5.6	<b>3.3</b>
*Italy, Salerno	455	33.0	3.5	<b>10.2</b>	226	28.3	9.3	<b>3.7</b>
Italy, Sassari	190	37.4	2.1	<b>17.1</b>	59	30.5	6.8	<b>3.4</b>
*Italy, Sondrio	288	31.9	4.5	<b>24.2</b>	110	34.5	11.8	<b>6.2</b>
Italy, South Tyrol	346	43.1	0.9	<b>12.9</b>	76	40.8	5.3	<b>2.5</b>
*Italy, Syracuse	256	28.1	2.0	<b>12.1</b>	133	18.0	7.5	<b>4.6</b>
Italy, Trento	422	47.6	0.7	<b>13.3</b>	167	45.5	1.2	<b>4.1</b>
Italy, Turin	1379	54.2	4.1	<b>10.8</b>	602	52.0	6.0	<b>3.3</b>
*Italy, Tuscany	1288	39.1	1.9	<b>10.9</b>	677	29.7	4.9	<b>3.8</b>
Italy, Umbria	415	49.2	1.2	<b>10.0</b>	177	38.4	5.1	<b>2.9</b>
Italy, Varese	294	46.3	0.3	<b>10.0</b>	121	38.0	2.5	<b>2.6</b>
Italy, Veneto	3573	46.9	1.3	<b>13.0</b>	1380	40.1	3.6	<b>3.5</b>
Latvia	495	43.6	7.5	<b>6.2</b>	318	49.1	7.5	<b>2.4</b>
*Liechtenstein	12	41.7	—	<b>6.6</b>	7	85.7	—	<b>5.3</b>
*Lithuania	722	46.8	32.1	<b>6.4</b>	408	43.1	33.8	<b>2.0</b>
Malta	116	56.9	8.6	<b>5.5</b>	38	42.1	10.5	<b>1.5</b>
*The Netherlands	2904	59.5	—	<b>3.5</b>	1292	68.9	—	<b>1.5</b>
Norway	897	67.8	3.5	<b>3.9</b>	510	65.9	4.5	<b>1.9</b>
Poland, Kielce	235	71.5	—	<b>4.2</b>	174	69.0	—	<b>2.2</b>
*Portugal, Azores	34	55.9	2.9	<b>4.6</b>	20	50.0	15.0	<b>2.2</b>
Russian Federation, Arkhangelsk	166	57.2	28.3	<b>4.6</b>	132	53.8	36.4	<b>1.9</b>
Russian Federation, Kaliningrad	129	38.0	12.4	<b>4.1</b>	100	27.0	21.0	<b>1.7</b>
Russian Federation, Karelia	100	46.0	35.0	<b>4.9</b>	70	28.6	35.7	<b>1.8</b>
*Russian Federation, Komi Republic	158	48.7	25.3	<b>6.9</b>	121	48.8	25.6	<b>2.8</b>
Russian Federation, Murmansk	98	64.3	35.7	<b>4.7</b>	72	65.3	26.4	<b>1.9</b>
*Russian Federation, Orenburg	373	93.6	2.1	<b>5.8</b>	301	90.0	2.7	<b>2.7</b>
Russian Federation, Pskov	113	35.4	30.1	<b>4.9</b>	98	28.6	36.7	<b>1.9</b>
*Russian Federation, Samara	555	60.0	20.9	<b>5.2</b>	383	61.6	21.9	<b>2.1</b>
Russian Federation, Vologda Region	162	80.2	1.9	<b>4.2</b>	144	75.0	6.2	<b>2.3</b>
Slovenia	814	55.3	0.4	<b>7.9</b>	308	55.5	0.6	<b>2.3</b>
Spain, Asturias	489	46.6	0.8	<b>14.1</b>	159	35.8	2.5	<b>2.7</b>
Spain, Basque Country	1184	44.8	0.7	<b>14.0</b>	405	35.8	1.0	<b>2.9</b>
Spain, Canary Islands	555	41.1	0.5	<b>9.2</b>	212	44.3	1.4	<b>2.8</b>
Spain, Castellón	260	52.3	0.8	<b>9.6</b>	98	56.1	2.0	<b>2.6</b>
Spain, Girona	373	41.6	1.1	<b>11.5</b>	116	32.8	0.9	<b>2.6</b>
Spain, Granada	308	31.2	0.6	<b>7.4</b>	124	41.9	5.6	<b>2.2</b>
Spain, La Rioja	161	39.1	4.3	<b>9.9</b>	54	38.9	3.7	<b>2.3</b>
Spain, Murcia	565	62.5	0.5	<b>9.8</b>	161	67.7	3.7	<b>2.1</b>
Spain, Navarra	215	52.1	0.0	<b>8.8</b>	66	42.4	1.5	<b>1.7</b>
Spain, Salamanca	120	46.7	3.3	<b>5.7</b>	62	46.8	3.2	<b>1.8</b>
Spain, Tarragona	409	42.5	1.0	<b>11.1</b>	146	36.3	2.1	<b>3.3</b>
*Sweden	2601	57.9	—	<b>5.4</b>	1193	67.3	—	<b>2.2</b>
Switzerland, Aargau	153	76.5	5.9	<b>4.8</b>	74	70.3	8.1	<b>2.2</b>
Switzerland, Basel	183	77.0	16.9	<b>7.0</b>	86	73.3	18.6	<b>2.8</b>
Switzerland, Berne Solothurn	291	56.4	1.4	<b>6.9</b>	102	59.8	3.9	<b>1.9</b>
Switzerland, East	245	64.9	0.4	<b>5.9</b>	106	71.7	0.0	<b>2.3</b>
*Switzerland, Fribourg	114	69.3	0.9	<b>8.4</b>	45	73.3	0.0	<b>3.2</b>
Switzerland, Geneva	294	44.2	1.7	<b>14.4</b>	84	45.2	4.8	<b>2.9</b>
*Switzerland, Graubünden and Glarus	79	60.8	1.3	<b>5.8</b>	32	65.6	0.0	<b>2.2</b>
*Switzerland, Lucerne	146	46.6	12.3	<b>5.3</b>	76	46.1	14.5	<b>2.4</b>
*Switzerland, Neuchâtel and Jura	131	57.3	0.0	<b>10.9</b>	43	69.8	2.3	<b>2.8</b>
Switzerland, Ticino	287	47.0	1.0	<b>14.5</b>	81	40.7	2.5	<b>2.7</b>
Switzerland, Valais	217	56.7	0.5	<b>12.6</b>	45	53.3	0.0	<b>2.3</b>
Switzerland, Vaud	366	68.6	4.9	<b>11.2</b>	122	64.8	9.0	<b>2.9</b>
Switzerland, Zurich and Zug	519	61.1	0.6	<b>7.1</b>	202	68.8	2.0	<b>2.3</b>
Ukraine	4006	47.9	3.8	<b>3.3</b>	2891	48.5	2.6	<b>1.5</b>
UK, England	16259	40.5	1.8	<b>6.1</b>	8756	42.3	2.4	<b>2.6</b>
UK, Northern Ireland	425	33.9	0.7	<b>5.0</b>	232	40.1	0.4	<b>2.1</b>
UK, Scotland	2165	28.4	0.5	<b>8.0</b>	977	32.8	0.3	<b>2.9</b>
UK, Wales	1053	44.7	2.5	<b>6.1</b>	512	45.9	2.3	<b>2.4</b>
<b>Oceania</b>								
*Australia, NSW/ACT	2873	55.0	3.1	<b>8.7</b>	1020	54.4	5.8	<b>2.6</b>
*Australia, Northern Territory	103	96.1	1.0	<b>14.9</b>	35	100.0	0.0	<b>5.3</b>

\*Important. See note on population page.



# Indices of data quality

## Liver (C22) (contd)

	Male				Female			
	Cases	MV (%)	DCO (%)	ASR(W)	Cases	MV (%)	DCO (%)	ASR(W)
<b>Oceania (contd)</b>								
*Australia, Northern Territory: Non-Indigenous	55	100.0	—	<b>9.4</b>	10	100.0	—	<b>2.0</b>
*Australia, Northern Territory: Indigenous	48	91.7	2.1	<b>49.0</b>	25	100.0	0.0	<b>16.9</b>
*Australia, Queensland	1363	34.7	1.0	<b>7.2</b>	469	42.0	3.4	<b>2.2</b>
Australia, South Australia	627	47.4	2.2	<b>8.3</b>	210	53.3	3.8	<b>2.0</b>
Australia, Tasmania	161	45.3	1.2	<b>6.0</b>	58	58.6	10.3	<b>2.0</b>
*Australia, Victoria	2054	52.8	4.4	<b>8.4</b>	828	55.0	6.3	<b>2.7</b>
*Australia, Western Australia	694	51.2	2.7	<b>7.2</b>	286	55.9	4.5	<b>2.6</b>
*France, New Caledonia	93	33.3	—	<b>11.8</b>	39	53.8	—	<b>4.5</b>
New Zealand	1204	44.4	10.0	<b>6.6</b>	537	42.3	15.6	<b>2.4</b>
*New Zealand: Maori	269	41.3	7.4	<b>16.9</b>	106	41.5	17.9	<b>6.0</b>
*New Zealand: Pacific peoples	120	37.5	6.7	<b>19.0</b>	38	39.5	18.4	<b>5.4</b>
*New Zealand: Other	692	45.1	11.8	<b>4.5</b>	352	42.6	15.9	<b>1.9</b>
USA, Hawaii	729	62.6	4.3	<b>11.5</b>	314	64.0	5.4	<b>4.1</b>
USA, Hawaii: White	195	63.1	5.6	<b>8.8</b>	63	68.3	1.6	<b>3.1</b>
*USA, Hawaii: Japanese	167	64.7	3.6	<b>11.6</b>	89	59.6	3.4	<b>4.9</b>
*USA, Hawaii: Chinese	40	72.5	2.5	<b>9.5</b>	28	60.7	10.7	<b>4.0</b>
*USA, Hawaii: Hawaiian	132	62.9	3.8	<b>14.8</b>	50	66.0	12.0	<b>5.0</b>
*USA, Hawaii: Filipino	104	65.4	3.8	<b>10.4</b>	48	72.9	2.1	<b>3.4</b>

\*Important. See note on population page.