

**WORLD PRODUCTION, SUPPLY, AND DISTRIBUTION  
CENTRIFUGAL SUGAR**

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
---1,000 Metric Tons, Raw Value---							
<b>North America</b>							
United States 1/							
1998/1999	1,523	7,597	1,655	10,775	209	9,079	1,487
1999/2000	1,487	8,203	1,484	11,174	112	9,049	2,013
2000/2001	2,013	7,869	1,428	11,310	128	9,192	1,990
2001/2002	1,990	7,261	1,387	10,638	113	9,058	1,467
2002/2003	1,467	7,938	NA	NA	113	9,149	NA
Canada							
1998/1999	124	93	1,160	1,377	9	1,240	128
1999/2000	128	122	1,117	1,367	7	1,240	120
2000/2001	120	125	1,244	1,489	5	1,243	241
2001/2002	241	90	1,117	1,448	6	1,255	187
2002/2003	187	110	1,250	1,547	5	1,250	292
Mexico							
1998/1999	670	4,985	0	5,655	590	4,400	665
1999/2000	665	4,977	0	5,642	530	4,482	630
2000/2001	630	5,223	0	5,853	305	4,543	1,005

2001/2002	1,005	5,393	0	6,398	850	4,615	933
2002/2003	933	5,305	0	6,238	850	4,615	773

Total North America

1998/1999	2,317	12,675	2,815	17,807	808	14,719	2,280
1999/2000	2,280	13,302	2,601	18,183	649	14,771	2,763
2000/2001	2,763	13,217	2,672	18,652	438	14,978	3,236
2001/2002	3,236	12,744	2,504	18,484	969	14,928	2,587
2002/2003	2,587	13,353	NA	NA	968	15,014	NA

**Caribbean:**

Cuba

1998/1999	568	3,760	0	4,328	3,200	660	468
1999/2000	468	4,060	0	4,528	3,300	710	518
2000/2001	518	3,500	0	4,018	2,980	720	318
2001/2002	318	3,600	0	3,918	3,100	720	98
2002/2003	98	3,600	0	3,698	2,850	720	128

Dominican Republic

1998/1999	93	371	95	559	191	310	58
1999/2000	58	426	25	509	185	298	26
2000/2001	26	470	26	522	185	310	27
2001/2002	27	478	20	525	185	312	28
2002/2003	28	480	15	523	185	312	26

Other Caribbean

1998/1999	116	446	276	838	372	368	98
1999/2000	98	497	294	889	395	381	113
2000/2001	113	491	280	884	363	390	131

2001/2002	131	493	251	875	374	392	109
2002/2003	109	499	252	860	371	394	95

**Total Caribbean**

1998/1999	777	4,577	371	5,725	3,763	1,338	624
1999/2000	624	4,983	319	5,926	3,880	1,389	657
2000/2001	657	4,461	306	5,424	3,528	1,420	476
2001/2002	476	4,571	271	5,318	3,659	1,424	235
2002/2003	235	4,579	267	5,081	3,406	1,426	249

**Central America:**

**Guatemala**

1998/1999	46	1,561	0	1,607	1,086	451	70
1999/2000	70	1,617	0	1,687	1,140	451	96
2000/2001	96	1,632	0	1,728	1,190	468	70
2001/2002	70	1,910	0	1,980	1,310	500	170
2002/2003	170	1,789	5	1,964	1,310	500	154

**Other Central America**

1998/1999	245	1,619	35	1,899	670	963	266
1999/2000	266	1,876	32	2,174	823	983	368
2000/2001	368	1,868	0	2,236	915	995	326
2001/2002	326	1,820	0	2,146	945	1,025	176
2002/2003	176	1,881	0	2,057	837	1,038	182

**Total Central America**

1998/1999	291	3,180	35	3,506	1,756	1,414	336
1999/2000	336	3,493	32	3,861	1,963	1,434	464

2000/2001	464	3,500	0	3,964	2,105	1,463	396
2001/2002	396	3,730	0	4,126	2,255	1,525	346
2002/2003	346	3,670	5	4,021	2,147	1,538	336

**South America:**

**Brazil**

1998/1999	560	18,300	0	18,860	8,750	9,100	1,010
1999/2000	1,010	20,100	0	21,110	11,300	9,100	710
2000/2001	710	17,100	0	17,810	7,700	9,250	860
2001/2002	860	20,350	0	21,210	11,350	9,450	410
2002/2003	410	22,950	0	23,360	13,500	9,650	210

**Colombia**

1998/1999	64	2,199	7	2,270	960	1,238	72
1999/2000	72	2,330	10	2,412	959	1,393	60
2000/2001	60	2,225	25	2,310	965	1,305	40
2001/2002	40	2,300	7	2,347	990	1,315	42
2002/2003	42	2,305	1	2,348	1,000	1,310	38

**Argentina**

1998/1999	200	1,830	1	2,031	189	1,520	322
1999/2000	322	1,670	1	1,993	200	1,530	263
2000/2001	263	1,540	2	1,805	189	1,470	146
2001/2002	146	1,600	1	1,747	135	1,450	162
2002/2003	162	1,550	1	1,713	130	1,450	133

**Other South America**

1998/1999	644	2,716	1,066	4,426	369	3,237	820
1999/2000	820	3,016	871	4,707	448	3,420	839

2000/2001	839	2,998	737	4,574	411	3,429	734
2001/2002	734	3,064	785	4,583	420	3,495	668
2002/2003	668	3,120	672	4,460	383	3,513	564

**Total South America**

1998/1999	1,468	25,045	1,074	27,587	10,268	15,095	2,224
1999/2000	2,224	27,116	882	30,222	12,907	15,443	1,872
2000/2001	1,872	23,863	764	26,499	9,265	15,454	1,780
2001/2002	1,780	27,314	793	29,887	12,895	15,710	1,282
2002/2003	1,282	29,925	674	31,881	15,013	15,923	945

**Western Europe 2/**

**European Union**

1998/1999	3,001	17,818	1,867	22,686	5,329	14,250	3,107
1999/2000	3,107	19,498	1,786	24,391	6,138	14,523	3,730
2000/2001	3,730	18,520	1,839	24,089	6,607	14,420	3,062
2001/2002	3,062	16,238	1,850	21,150	4,010	14,451	2,689
2002/2003	2,689	17,589	1,850	22,128	4,820	14,500	2,808

**Other Western Europe**

1998/1999	182	210	341	733	0	547	186
1999/2000	186	209	392	787	0	551	236
2000/2001	236	238	392	866	0	561	305
2001/2002	305	205	383	893	0	573	320
2002/2003	320	205	359	884	0	579	305

**Total Western Europe**

1998/1999	3,183	18,028	2,208	23,419	5,329	14,797	3,293
1999/2000	3,293	19,707	2,178	25,178	6,138	15,074	3,966

2000/2001	3,966	18,758	2,231	24,955	6,607	14,981	3,367
2001/2002	3,367	16,443	2,233	22,043	4,010	15,024	3,009
2002/2003	3,009	17,794	2,209	23,012	4,820	15,079	3,113

### **Eastern Europe: 3/**

#### Poland

1998/1999	303	2,239	13	2,555	489	1,740	326
1999/2000	326	1,962	55	2,343	418	1,736	189
2000/2001	189	2,188	50	2,427	445	1,739	243
2001/2002	243	1,685	70	1,998	75	1,741	182
2002/2003	182	1,750	70	2,002	100	1,746	156

#### Russian Federation

1998/1999	1,105	1,300	5,400	7,805	160	4,995	2,650
1999/2000	2,650	1,500	5,170	9,320	190	6,130	3,000
2000/2001	3,000	1,550	5,650	10,200	260	6,840	3,100
2001/2002	3,100	1,630	4,800	9,530	460	6,940	2,130
2002/2003	2,130	1,700	4,500	8,330	310	7,005	1,015

#### Ukraine

1998/1999	214	2,000	265	2,479	145	2,039	295
1999/2000	295	1,720	329	2,344	130	1,937	277
2000/2001	277	1,687	400	2,364	8	2,100	256
2001/2002	256	1,790	250	2,296	50	2,050	196
2002/2003	196	1,900	130	2,226	20	2,000	206

#### Other Eastern Europe

1998/1999	1,200	2,484	2,034	5,718	397	4,257	1,064
1999/2000	1,064	2,264	2,277	5,605	293	4,179	1,133

2000/2001	1,133	1,845	2,589	5,567	460	4,227	880
2001/2002	880	2,297	2,447	5,624	457	4,271	896
2002/2003	896	2,230	2,463	5,589	475	4,294	820

#### Total Eastern Europe

1998/1999	2,822	8,023	7,712	18,557	1,191	13,031	4,335
1999/2000	4,335	7,446	7,831	19,612	1,031	13,982	4,599
2000/2001	4,599	7,270	8,689	20,558	1,173	14,906	4,479
2001/2002	4,479	7,402	7,567	19,448	1,042	15,002	3,404
2002/2003	3,404	7,580	7,163	18,147	905	15,045	2,197

#### **Africa 4/**

##### South Africa; Republic of

1998/1999	420	2,646	62	3,128	1,355	1,213	560
1999/2000	560	2,685	155	3,400	1,410	1,460	530
2000/2001	530	2,895	260	3,685	1,520	1,650	515
2001/2002	515	2,542	263	3,320	1,280	1,635	405
2002/2003	405	2,725	265	3,395	1,300	1,660	435

##### Other Africa

1998/1999	1,024	5,020	4,756	10,800	1,801	7,832	1,167
1999/2000	1,167	4,951	4,847	10,965	1,582	8,042	1,341
2000/2001	1,341	5,119	4,609	11,069	1,887	7,944	1,238
2001/2002	1,238	5,239	4,745	11,222	1,881	8,111	1,230
2002/2003	1,230	4,959	4,943	11,132	1,693	8,205	1,234

##### Total Africa

1998/1999	1,444	7,666	4,818	13,928	3,156	9,045	1,727
1999/2000	1,727	7,636	5,002	14,365	2,992	9,502	1,871

2000/2001	1,871	8,014	4,869	14,754	3,407	9,594	1,753
2001/2002	1,753	7,781	5,008	14,542	3,161	9,746	1,635
2002/2003	1,635	7,684	5,208	14,527	2,993	9,865	1,669

### **Middle East: 5/**

#### Egypt

1998/1999	640	1,180	653	2,473	150	1,950	373
1999/2000	373	1,390	292	2,055	65	1,940	50
2000/2001	50	1,400	946	2,396	84	2,030	282
2001/2002	282	1,450	650	2,382	100	2,035	247
2002/2003	247	1,470	700	2,417	100	2,040	277

#### Turkey

1998/1999	659	2,947	5	3,611	433	2,080	1,098
1999/2000	1,098	2,348	1	3,447	614	2,050	783
2000/2001	783	2,756	2	3,541	826	1,950	765
2001/2002	765	1,796	0	2,561	350	1,950	261
2002/2003	261	2,336	0	2,597	100	2,150	347

#### Other Middle East

1998/1999	761	977	4,829	6,567	610	5,169	788
1999/2000	788	871	5,014	6,673	805	5,241	627
2000/2001	627	879	5,078	6,584	637	5,313	634
2001/2002	634	947	5,250	6,831	775	5,383	673
2002/2003	673	947	5,335	6,955	845	5,443	667

#### Total Middle East

1998/1999	2,060	5,104	5,487	12,651	1,193	9,199	2,259
1999/2000	2,259	4,609	5,307	12,175	1,484	9,231	1,460



2000/2001	1,460	5,035	6,026	12,521	1,547	9,293	1,681
2001/2002	1,681	4,193	5,900	11,774	1,225	9,368	1,181
2002/2003	1,181	4,753	6,035	11,969	1,045	9,633	1,291

#### **Asia, Oceania 6/ 7/**

##### **India**

1998/1999	5,850	17,436	1,075	24,361	10	16,977	7,374
1999/2000	7,374	20,219	438	28,031	25	17,296	10,710
2000/2001	10,710	20,480	0	31,190	1,360	17,845	11,985
2001/2002	11,985	19,380	0	31,365	850	18,400	12,115
2002/2003	12,115	18,550	0	30,665	1,000	19,000	10,665

##### **China; Peoples Republic of**

1998/1999	2,515	8,969	543	12,027	572	8,907	2,548
1999/2000	2,548	7,525	687	10,760	433	8,476	1,851
2000/2001	1,851	6,849	1,083	9,783	129	8,650	1,004
2001/2002	1,004	8,760	1,105	10,869	500	8,880	1,489
2002/2003	1,489	8,970	1,120	11,579	510	9,000	2,069

##### **Thailand**

1998/1999	450	5,386	0	5,836	3,352	1,800	684
1999/2000	684	5,721	0	6,405	4,147	1,650	608
2000/2001	608	5,107	0	5,715	3,394	1,750	571
2001/2002	571	6,355	0	6,926	4,300	1,850	776
2002/2003	776	6,000	0	6,776	3,800	1,850	1,126

##### **Australia**

1998/1999	253	4,997	4	5,254	4,076	995	183
1999/2000	183	5,448	5	5,636	4,123	995	518

2000/2001	518	4,162	5	4,685	3,056	995	634
2001/2002	634	4,610	5	5,249	3,607	1,020	622
2002/2003	622	5,301	5	5,928	4,235	1,050	643

### **Asia, Oceania 6/ 7/**

#### **Pakistan**

1998/1999	503	3,791	8	4,302	540	3,210	552
1999/2000	552	2,595	280	3,427	0	3,300	127
2000/2001	127	2,648	1,100	3,875	0	3,450	425
2001/2002	425	3,006	200	3,631	0	3,450	181
2002/2003	181	3,210	200	3,591	0	3,450	141

#### **Indonesia**

1998/1999	520	1,492	1,702	3,714	6	2,800	908
1999/2000	908	1,690	1,949	4,547	17	3,200	1,330
2000/2001	1,330	1,800	1,591	4,721	6	3,300	1,415
2001/2002	1,415	1,700	1,500	4,615	0	3,400	1,215
2002/2003	1,215	1,800	1,600	4,615	0	3,500	1,115

#### **Philippines**

1998/1999	183	1,682	625	2,490	146	1,890	454
1999/2000	454	1,620	280	2,354	94	1,930	330
2000/2001	330	1,805	215	2,350	88	1,940	322
2001/2002	322	1,920	110	2,352	122	1,950	280
2002/2003	280	1,900	160	2,340	140	1,950	250

#### **Japan**

1998/1999	87	852	1,542	2,481	4	2,313	164
1999/2000	164	795	1,650	2,609	7	2,142	460

2000/2001	460	722	1,486	2,668	10	2,293	365
2001/2002	365	816	1,429	2,610	10	2,317	283
2002/2003	283	800	1,453	2,536	10	2,243	283

Other Asia and Oceania

1998/1999	936	1,806	5,936	8,678	934	6,854	890
1999/2000	890	2,515	6,168	9,573	1,278	7,264	1,031
2000/2001	1,031	2,287	6,445	9,763	1,323	7,387	1,053
2001/2002	1,053	2,480	6,694	10,227	1,259	7,772	1,196
2002/2003	1,196	2,444	6,781	10,421	1,324	7,883	1,214

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Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks	Unrecorded	Total Distribution
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Total Asia, Oceania

1998/1999	11,297	46,411	11,435	69,143	9,640	45,746	13,757		
1999/2000	13,757	48,128	11,457	73,342	10,124	46,253	16,965		
2000/2001	16,965	45,860	11,925	74,750	9,366	47,610	17,774		
2001/2002	17,774	49,027	11,043	77,844	10,648	49,039	18,157		
2002/2003	18,157	48,975	11,319	78,451	11,019	49,926	17,506		

Unrecorded 8/

1998/1999			1,149						
1999/2000			5,559						
2000/2001			-46						
2001/2002			4,545						
2002/2003			NA						

World Total 9/

1998/1999	25,659	130,709	35,955	192,323	37,104	124,384	30,835	1,149	193,472
1999/2000	30,835	136,420	35,609	202,864	41,168	127,079	34,617	5,559	208,423
2000/2001	34,617	129,978	37,482	202,077	37,436	129,699	34,942	(46)	202,031
2001/2002	34,942	133,205	35,319	203,466	39,864	131,766	31,836	4,545	208,011
2002/2003	31,836	138,313	NA	NA	42,316	133,449	NA	NA	NA

Footnotes

1/ The U.S. PS&D estimates conform to those released in the World Agricultural Supply and Demand Estimates (WASDE) with the WASDE "miscellaneous" category allocated to domestic consumption.

All data are presented on a fiscal year (October - September) basis. The U.S. PS&D includes Puerto Rico.

2/ Includes French overseas departments of Reunion, Guadeloupe, and Martinique.

Imports and exports include sugar containing products.

3/ Includes Traditional Eastern European countries, Hungary, Czech Republic, Slovakia, Balkans, Baltics, Armenia, and Georgia.

4/ Includes all of Continental Africa except Egypt.

5/ Includes Bahrain, Kuwait, Oman, Qatar, and the United Arab Emirates.

6/ Indian data include production of khandsari sugar, a native type, semi-white centrifugal sugar.

Estimated output of khandsari sugar in thousands (raw value equivalent) is as follows: 1998/99 - 779; 1999/2000 - 745; 2000/01 - 683; 2001/02 - 714  
2002/03 - 683.

7/ Includes Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan.

8/ The "Unrecorded" category is a balancing mechanism to equalize world exports and imports. It is assumed there is a certain quantity of trade that will not be recorded, with the result that imports and exports will differ by a certain amount.

9/ Total Distribution includes unrecorded imports.