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Appendix-I

Sugar Manufacturing Base in the Country

S. No.	State	Installed**		Operational ***		Closed****		Upcoming*****	
		Capacity*	No. of Sugar mills	Capacity*	No. of Sugar mills	Capacity*	No. of Sugar mills	Capacity*	No. of Sugar mills
Major sugar producing states									
Sub-tropical belt									
1	Bihar	67079	28	47990.00	11	19089.00	17	3500.00	1
2	Haryana	50850.00	16	50850.00	16	0.00	0	7000.00	2
3	Punjab	62600.00	24	48350.00	17	14250.00	7	3500.00	1
4	Uttarakhand	44500.00	10	44500.00	10	0.00	0	0.00	0
5	Uttar Pradesh	830591.00	158	803453.00	137	27138.00	21	3500.00	1
Sub Total		1055620.00	236	995143.00	191	60477.00	45	17500.00	5
Tropical Belt									
6	Andhra Pradesh	137604.00	44	130822.00	39	6782.00	5	7000.00	2
7	Gujarat	78750.00	25	72500.00	21	6250.00	4	0.00	0
8	Maharashtra	589072.00	222	563759.00	207	25313.00	15	290500.00	83
9	Karnataka	252055.00	71	243550.00	65	8505.00	6	136500.00	39
10	Tamil Nadu	164050.00	46	160300.00	44	3750.00	2	7000.00	2
Sub Total		1221531.00	408	1170931.00	376	50600.00	32	441000.00	126
Potential states									
11	Chhattisgarh	7500.00	3	7500.00	3	0.00	0	0.00	0
12	Odisha	14200.00	8	11250.00	6	2950.00	2	0.00	0
13	Madhya Pradesh	35025.00	19	29200.00	14	5825.00	5	17500.00	5
Sub Total		56725.00	30	47950.00	23	8775.00	7	17500.00	5
Minor Players									
14	Puducherry	3250.00	2	3250.00	2	0.00	0	0.00	0
Sub Total		3250.00	2	3250.00	2	0.00	0	0.00	0
Industry closed / On the verge of closure									
15	Goa	1250.00	1	1250.00	1	0.00	0	0.00	0
16	Assam	3313.00	3	0.00	0	3313.00	3	0.00	0
17	Dadra Nagar & Haveli	1250.00	1	1250.00	1	0.00	0	0.00	0
18	Kerala	1516.00	2	0.00	0	1516.00	2	0.00	0
19	Nagaland	1000.00	1	0.00	0	1000.00	1	0.00	0
20	Rajasthan	3750.00	3	1000.00	1	2750.00	2	0.00	0
21	West Bengal	4400.00	3	3800.00	2	600.00	1	0.00	0
Sub Total		16479.00	14	7300.00	5	9179.00	9	0.00	0
Grand Total		2353605.00	690	2224574.00	597	129031.00	93	476000.00	136

* As per Directorate of Sugar and Sugar Technologist Association of India (STAI) in terms of Tonnes Cane crush per Day

** Registered capacity.

*** Sugar Mills which have worked at least once in the last five sugar seasons.

**** Sugar Mills, which have not worked even once in the last five sugar seasons.

***** New Sugar mills under erection @ average of 3500 TCD capacity and expected to be operational by 2016-17 sugar season.

Source: "Report of the Working Group on Sugarcane Productivity and Sugar Recovery in the Country", Department of Food and Public Distribution, Government of India, 2013".



Appendix-II

Capacity Profile of the Operational Sugar Mills

S. No.	State	In terms of Tonnes Crush per Day (TCD)							Total	
		< 1250	1250	>1250 - <2500	2500	>2500 - <5000	5000	>5000 - <10000		>10000
Major sugar producing states										
Sub-tropical belt										
1	Bihar	1	0	2	1	1	4	1	1	11
2	Haryana	0	1	6	5	1	2	0	1	16
3	Punjab	1	3	2	6	2	2	1	0	17
4	Uttaranchal	0	0	1	3	3	0	2	1	10
5	Uttar Pradesh	3	7	6	17	23	10	51	20	137
										0
										0
Tropical Belt										
6	Andhra Pradesh	1	4	5	9	11	4	5	0	39
7	Gujarat	2	1	1	8	3	4	1	1	21
8	Maharashtra	5	29	21	101	31	10	10	0	207
9	Karnataka	1	4	4	27	13	5	8	3	65
10	Tamil Nadu	0	2	1	17	16	2	6	0	44
Potential states										
11	Chhattisgarh	0	0	0	3	0	0	0	0	3
12	Orissa	0	3	0	3	0	0	0	0	6
13	Madhya Pradesh	1	2	3	8	0	0	0	0	14
Minor Players										
14	Pondicherry	0	1	1	0	0	0	0	0	2
Industry closed / On the verge of closure										
15	Goa	0	1	0	0	0	0	0	0	1
16	Dadra Nagar & Haveli	0	1	0	0	0	0	0	0	1
17	Rajasthan	1	0	0	0	0	0	0	0	1
18	West Bengal	0	0	2	0	0	0	0	0	2
										0
State Wise Total										
		16	59	55	208	104	43	85	27	597
Sector Wise Total										
Private		8	7	15	76	55	24	71	26	282
Cooperative		3	51	35	122	43	18	13	1	286
Public		5	1	5	10	6	1	1	0	29
Grand Total		16	59	55	208	104	43	85	27	597

Source: "Report of the Working Group on Sugarcane Productivity and Sugar Recovery in the Country", Department of Food and Public Distribution, Government of India, 2013".



Appendix-III

Record of Working days of Sugar Mills in the Country

SI No	State	200 1-02	200 2-03	200 3-04	200 4-05	200 5-06	200 6-07	200 7-08	200 8-09	200 9-10	2010 -11	2011-12 (P)	2012-13(P)*
Major sugar producing states													
Sub-tropical belt													
1	Bihar	116	125	81	82	126	145	93	61	67	97	98	104
2	Haryana	162	144	125	96	100	162	150	65	59	109	147	
3	Punjab	147	139	90	64	78	118	136	67	55	77	100	96
4	Uttarakhand	138	151	116	110	120	156	117	76	87	96	111	94
5	Uttar Pradesh	149	158	114	133	124	151	120	73	88	104	125	108
Tropical Belt													
6	Andhra Pradesh	119	130	104	96	124	173	127	75	66	103	115	96
7	Gujarat	152	172	151	108	150	202	191	125	147	163	139	187
8	Maharashtra	127	123	77	70	107	175	162	91	145	162	149	139
9	Karnataka	145	158	107	103	152	180	168	96	137	158	155	120
10	Tamil Nadu	194	173	111	59	234	265	201	165	144	168	202	145
Potential states													
11	Chhattisgarh	-	31	94	58	80	149	190	69	36	49	76	
12	Odisha	55	85	86	59	64	84	75	46	43	71	91	
13	Madhya Pradesh	64	69	79	59	77	135	122	43	55	84	77	
Minor Players													
14	Puducherry	139	121	131	117	238	235	176	113	88	160	206	
Industry closed / On the verge of closure													
15	Goa	60	99	85	69	99	141	108	78	73	107	90	
16	Assam	-	-	-	-	-	-	-	-	-	-	-	
17	Kerala	65	26	-	-	-	-	-	-	-	-	-	
18	Nagaland	-	-	-	-	-	-	-	-	-	-	-	
19	Rajasthan	61	28	111	62	90	90	103	51	75	60	39	
20	West Bengal	35	91	81	58	63	93	56	22	47	63	53	
	All India	140	141	99	96	126	173	148	88	111	134	140	121

P- Provisional

* Duration for the sugar season 2012-13 is worked out on the basis of crushing capacity as submitted by Cane Commissioners in estimates of sugar production

Source: "Report of the Working Group on Sugarcane Productivity and Sugar Recovery in the Country", Department of Food and Public Distribution, Government of India, 2013".



Appendix-IV

Record of State wise % Sugar Recovery

State	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12(P)*	2012-13*(P)
Major sugar producing states													
Sub-tropical belt													
Bihar	9.11	8.82	9.05	9.33	9.58	9.48	8.67	9.20	9.30	9.49	9.30	9.28	8.76
Haryana	9.80	9.95	10.13	10.47	10.16	9.78	9.74	9.90	9.05	9.37	9.02	9.14	9.68
Punjab	9.70	9.45	9.72	9.72	9.79	9.19	9.54	9.30	9.33	8.59	8.80	9.24	9.04
Uttarakhand	-	9.42	9.47	9.75	9.63	9.42	9.54	9.80	9.20	9.19	9.34	9.14	9.04
Uttar Pradesh	9.71	9.53	9.54	9.82	9.79	9.49	9.49	9.30	8.91	9.13	9.15	9.09	9.10
Tropical Belt													
Andhra Pradesh	10.36	10.01	10.15	10.32	10.65	10.05	9.69	10.10	9.88	9.28	9.77	9.81	9.62
Gujarat	10.42	10.79	10.58	10.93	10.76	10.82	10.68	10.90	9.50	10.52	9.99	10.61	10.66
Maharashtra	11.63	11.60	11.68	10.93	11.39	11.66	11.39	11.80	11.52	11.51	11.30	11.67	11.30
Karnataka	10.75	10.72	10.80	10.21	10.11	10.83	10.69	10.10	10.30	10.67	10.92	11.16	10.44
Tamil nadu	9.64	9.61	9.87	9.92	9.64	9.24	9.31	9.30	9.56	8.94	9.10	9.34	8.99
Potential states													
Puducherry	8.18	8.46	9.56	9.80	9.72	7.62	8.31	8.90	8.90	8.30	8.70	8.86	8.48
Minor Players													
Chhattisgarh	-	-	9.15	9.90	10.20	9.70	7.62	9.00	9.00	7.82	8.72	8.21	9.48
Odisha	9.61	9.05	9.79	9.25	9.40	8.96	9.74	9.50	9.50	8.84	8.70	8.81	8.53
Madhya Pradesh	9.18	9.91	9.90	10.15	9.80	9.76	10.11	10.60	10.60	9.40	9.67	9.69	9.75
Industry closed / On the verge of closure													
Goa	9.52	8.96	9.25	8.89	8.51	9.28	9.57	10.10	10.10	8.17	8.66	9.02	8.89
Assam	7.75	-	-	-	-	-	-	-	-	-	-	-	-
Kerala	8.09	8.26	7.04	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-	-	-	-
Rajasthan	8.76	9.45	8.43	9.53	7.63	6.85	9.04	7.10	7.10	7.79	7.73	7.66	7.69
West Bengal	7.09	8.32	8.44	8.45	8.11	8.45	8.32	7.00	7.00	7.05	7.18	8.10	8.29
All India	10.48	10.27	10.38	10.22	10.17	10.22	10.16	10.30	10.05	10.20	10.17	10.27	9.99

(P) - Provisional

* Based on-line Proforma-II

Source: "Report of the Working Group on Sugarcane Productivity and Sugar Recovery in the Country", Department of Food and Public Distribution, Government of India, 2013".



Appendix-V

Trend of year-to-year Sugar Production and the Associated Factors

Sugar Season	Sugar Production (In Million MT)@	Sugarcane Area (In Million ha.)#	Sugarcane Production (in Million MT)#	Sugarcane Yield (In MT/ha.)#	% Sugar Recovery@
2001-02	18.50	4.41	297.21	67.37	10.27
2002-03	20.13	4.52	287.38	63.58	10.38
2003-04	13.96	3.94	233.86	59.38	10.22
2004-05	13.66	3.66	237.09	64.75	10.17
2005-06	19.32	4.20	281.17	66.92	10.22
2006-07	28.20	5.15	355.52	69.02	10.16
2007-08	26.30	5.06	348.19	68.88	10.30
2008-09	14.68	4.42	285.03	64.55	10.05
2009-10	18.80	4.17	292.30	70.02	10.20
2010-11	24.35	4.88	342.38	70.09	10.17
2011-12	26.34	5.04	361.04	71.67	10.27
2012-13(P)	24.80	5.06	336.15	66.47	9.99

@- Directorate of Sugar

#- DAC's estimates

(P)- Provisional

Source: "Report of the Working Group on Sugarcane Productivity and Sugar Recovery in the Country", Department of Food and Public Distribution, Government of India, 2013".



Appendix-VI

**Historical Trend of Sugarcane Cultivation and Sugar Production in Major States
(Sub-Tropical Belt)**

Sugar season	Area (000 Hect.)	Sugarcane Production ('000 Tons)	Yield (Metric Tons /Hect.)	Recovery %	Sugar Production upto 31.05.13 Prov. (Fig. in lakh tones)	Area (000 Hect.)	Sugarcane Production ('000 Tons)	Yield (Metric Tons /Hect.)	Recovery %	Sugar Production upto 31.05.13 Prov.(Fig. in lakh tones)
2001-02	2035	117982	57.98	9.53	52.59	161	9270	57.58	9.95	6.24
2002-03	2149	120948	56.28	9.54	58.74	189	10650	56.35	10.13	5.99
2003-04	2030.1	112754	55.54	9.82	46.08	160	9280	58	10.47	5.86
2004-05	1954.7	118715.6	60.73	9.79	51.52	130	8060	62	10.16	3.98
2005-06	2155.8	125469.9	58.2	9.49	55.64	127	8180	64.41	9.78	3.88
2006-07	2246.5	133949.4	59.63	9.49	83.52	140	9580	68.43	9.74	6.77
2007-08	2179	124665.3	57.21	9.3	73.2	140	8860	63.29	9.9	5.99
2008-09	2084	109048	52.33	8.91	41.53	90	5130	57	9.05	2.29
2009-10	1977	117140	59.25	9.13	51.67	74	5335	72.09	9.37	2.48
2010-11	2125	120545	56.73	9.15	57.58	85	6042	71.08	9.02	3.93
2011-12	2162	128819	59.58	9.09	69.58	95	6959	73.25	9.14	4.91
2012-13	2212	130508	59	8.98	74.66	107	7490	70	9.45	5.07
	Uttarakhand					Punjab				
2001-02	125.9	7555.3	60.01	9.42	4.44	142	9250	65.14	9.45	5.93
2002-03	134.4	7331.7	54.55	9.47	4.59	154	9290	60.32	9.72	5.11
2003-04	128	7651	59.77	9.75	3.93	123	6620	53.82	9.72	3.88
2004-05	107	6441	60.2	9.63	3.36	86	5170	60.12	9.79	3.37
2005-06	101	6134	60.73	9.42	4.14	84	4860	57.86	9.19	3.88
2006-07	121	6100	50.41	9.54	5.28	99	6020	60.81	9.54	5.5
2007-08	124	7686	61.98	9.8	4.01	110	6690	60.82	9.3	5.34
2008-09	107	5590	52.24	9.2	2.23	81	4670	57.65	9.33	2.43
2009-10	96	5842	60.85	9.19	2.91	60	3700	61.67	8.59	1.81
2010-11	106.7	6497.6	60.9	9.34	3.05	70	4170	59.57	8.8	3.03
2011-12	108	6311	58.44	9.14	3.31	80	5653	70.66	9.24	3.88
2012-13	110	6718	61.07	8.89	3.37	83	5602	67.49	8.99	4.31
	Bihar									
2001-02	113.4	5211.1	45.95	8.82	3.39					
2002-03	107.3	4520.5	42.13	9.05	4.21					
2003-04	103.6	4285.9	41.37	9.33	2.77					
2004-05	104.2	4111.7	39.46	9.58	2.7					
2005-06	101.3	4337.9	42.82	9.48	4.19					
2006-07	129.6	5955.5	45.95	8.67	4.83					
2007-08	108.6	3854.9	35.5	9.2	3.36					
2008-09	111.9	4959.9	44.32	9.3	2.22					
2009-10	115.9	5032.6	43.42	9.49	2.6					
2010-11	248	12763.6	51.47	9.3	3.87					
2011-12	218.3	11288.6	51.71	9.28	4.51					
2012-13	252.6	13084.7	51.8	8.76	5.08					

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Appendix-VI (Contd.)

Historical Trend of Sugarcane Cultivation and Sugar Production in Major States(Tropical Belt)

Sugar season	Area (000 Hect.)	Sugarcane Production ('000 Tons)	Yield (Metric Tons /Hect.)	Recovery %	Sugar Production upto 31.05.13 Prov. (Fig. in lakh tones)					
						Area (000 Hect.)	Sugarcane Production ('000 Tons)	Yield (Metric Tons /Hect.)	Recovery %	Sugar Production upto 31.05.13 Prov.(Fig. in lakh tones)
Maharashtra						Tamil Nadu				
2001-02	578	45140	78.1	11.6	55.88	321	32620	101.62	9.61	18.39
2002-03	573	42617	74.38	11.68	61.64	261.4	24165.4	92.45	9.87	17.04
2003-04	443	25668	57.94	10.93	31.99	192.1	17656	91.91	9.92	11.9
2004-05	324	20475	63.19	11.39	23.03	232	23396	100.84	9.64	14.75
2005-06	501	38853	77.55	11.66	52.64	335.4	35106.5	104.67	9.24	21.38
2006-07	1049	78568	74.9	11.39	90.13	391.2	41124	105.12	9.31	24.21
2007-08	1093	88437	80.91	11.8	90.75	354.2	38071	107.48	9.3	21.41
2008-09	768	60648	78.97	11.52	46	308.9	32804.4	106.2	9.56	15.95
2009-10	756	64159	84.87	11.51	70.36	293.2	29745.6	101.45	8.94	12.69
2010-11	965	81895.7	84.87	11.3	90.65	316	34251.8	108.39	9.1	18.42
2011-12	1022	86733.1	84.87	11.67	89.96	346.4	38575.7	111.38	9.34	23.79
2012-13	937	60490.5	64.56	11.25	79.87	392.9	39682.3	101	9.04	15.86
Karnataka						Andhra Pradesh				
2001-02	407	33016.6	81.12	10.72	15.5	218	18082	82.94	10.01	10.48
2002-03	382.7	32485.3	84.88	10.8	17.98	232	15387.2	66.18	10.15	11.88
2003-04	243.3	16015.4	65.83	10.21	11.57	209	15070	72.11	10.32	8.81
2004-05	178	14276	80.2	10.11	11.32	210	15739	74.95	10.65	12.03
2005-06	219	18267	83.41	10.83	20.09	230	17656	76.77	10.05	12.76
2006-07	326	28669.7	87.94	10.69	25.42	264	21692	82.17	9.69	19.24
2007-08	306	26240	85.75	10.1	28.39	247	20296	82.17	10.1	13.35
2008-09	281	23328	83.02	10.3	16.75	196	15380	78.47	9.88	5.92
2009-10	337	30443	90.34	10.67	25.12	158	11708	74.1	9.28	5.1
2010-11	423	39657	93.75	10.92	36.44	192	14964	77.94	9.77	10.05
2011-12	430	38808	90.25	11.16	38.66	204	16686	81.79	9.81	11.35
2012-13	417	35059	84.07	10.44	33.3	196	16105.3	82.17	9.68	9.91
Gujarat										
2001-02	175.8	12464.6	70.9	10.79	10.56					
2002-03	202.9	14071.3	69.35	10.58	12.38					
2003-04	176.4	12669.1	71.82	10.93	10.77					
2004-05	196.7	14570	74.07	10.76	8.32					
2005-06	197	14580	74.01	10.82	12.44					
2006-07	214	15630	73.04	10.68	13.9					
2007-08	211	15190	71.99	10.9	13.66					
2008-09	221	15510	70.18	9.5	10.22					
2009-10	154	12400	80.52	10.52	11.91					
2010-11	190	13760	72.42	9.99	12.7					
2011-12	202	12750	63.12	10.61	10.02					
2012-13	185	13300	71.89	10.63	11.27					

Source: "Report of the Working Group on Sugarcane Productivity and Sugar Recovery in the Country", Department of Food and Public Distribution, Government of India, 2013".

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Appendix VII

Centres Providing Daily Price Inputs for Commodities,
including Sugar, Monitored under PMS

North Zone	West Zone	East Zone	North-East Zone	South Zone
Centres	Centres	Centres	Centres	Centres
Chandigarh	Raipur	Patna	Itanagar	Port Blair
Delhi	Panaji	Bhagalpur	Guwahati	Vijaywada
Hisar	Ahmedabad	Purnia	Shillong	Visakhapatnam
Karnal	Rajkot	Ranchi	Aizwal	Bengaluru
Panchkula	Bhopal	Bhubaneswar	Dimapur	Dharwad
Gurgaon	Indore	Cuttack	Agartala	T. Puram
Shimla	Gwalior	Sambalpur		Ernakulam
Mandi	Jabalpur	Rourkela		Kozhikode
Srinagar	Rewa	Kolkata		Thrissur
Jammu	Sagar	Siliguri		Palakkad
Amritsar	Mumbai			Wayanad
Ludhiana	Nagpur			Puducherry
Bathinda	Jaipur			Chennai
Lucknow	Jodhpur			Dindigul
Kanpur	Kota			Thiruchirapalli
Varanasi				Coimbatore
Agra				Tirunelveli
Dehradun				Hyderabad

Source: Price Monitoring Information System,
Department of Consumer Affairs, Govt. of India

Fluctuation Pattern of Sugar Retail Prices during 2012-13

Centres	Price As On	1 Month	2 Months	3 Months	4 Months	5 Months	6 Months	7 Months	8 Months	9 Months	10 Months	11 Months	1 Year
		Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago
	31-10-2013	30-09-2013	30-08-2013	31-07-2013	28-06-2013	31-05-2013	30-04-2013	28-03-2013	41333	31-01-2013	31-12-2012	30-11-2012	31-10-2012
Delhi	36	35	36	36	37	37	37	37	38	38	40	39	41
Mumbai	36	36	40	40	40	40	38	38	40	38	38	40	40
Kolkata	35	35	36	36	36	36	36	37	38	38	39	40	41
Chennai	33	34	34	34	34	34	34	32	34	35	36	38	37

Source: Price Monitoring Information System, Department of Consumer Affairs, Govt. of India

Fluctuation Pattern of Sugar Retail Prices during 2013-14

Centres	Price As On	1 Month	2 Months	3 Months	4 Months	5 Months	6 Months	7 Months	8 Months	9 Months	10 Months	11 Months	1 Year
		Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago	Ago
	31-10-2014	30-09-2014	29-08-2014	31-07-2014	30-06-2014	30-05-2014	30-04-2014	31-03-2014	28-02-2014	31-01-2014	31-12-2013	29-11-2013	31-10-2013
Delhi	35	36	37	36	38	38	37	36	35	36	36	36	36
Mumbai	38	38	NR	39	NR	38	38	NR	NR	34	34	36	36
Kolkata	35	35	35	35	36	36	36	36	34	34	34	35	35
Chennai	33	34	NR	34	34	NR	35	NR	31	32	32	NR	33

Source: Price Monitoring Information System, Department of Consumer Affairs, Govt. of India

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL

Fluctuation Pattern of Sugar Wholesale Prices during 2012-13

Centres	Price As On	Unit: (Rs./Qtl.)											1 Year Ago
		1 Month Ago	2 Months Ago	3 Months Ago	4 Months Ago	5 Months Ago	6 Months Ago	7 Months Ago	8 Months Ago	9 Months Ago	10 Months Ago	11 Months Ago	
	31/10/13	30/09/13	30/08/13	31/07/13	28/06/13	31/05/13	30/04/13	28/03/13	28/02/13	31/01/13	31/12/12	30/11/12	31/10/12
Delhi	3380	3340	3330	3300	3425	3380	3400	3400	3525	3550	3750	3675	3850
Mumbai	3071	3137	3209	3197	3187	3216	3254	3224	3314	3349	3409	3586	3597
Kolkata	3370	3300	3420	3420	3400	3410	NR	3380	3480	3440	3600	3680	3830
Chennai	3150	3200	3200	3200	3200	3180	3150	3000	3200	3300	3400	3600	3500

Fluctuation Pattern of Sugar Wholesale Prices during 2013-14

Centres	Price As On	Unit: (Rs./Qtl.)											1 Year Ago
		1 Month Ago	2 Months Ago	3 Months Ago	4 Months Ago	5 Months Ago	6 Months Ago	7 Months Ago	8 Months Ago	9 Months Ago	10 Months Ago	11 Months Ago	
		31/10/14	30/09/14	29/08/14	31/07/14	30/06/14	30/05/14	30/04/14	31/03/14	28/02/14	31/01/14	31/12/13	
Delhi	3220	3280	3450	3500	3750	3500	3350	3230	3180	3260	3300	3350	3380
Mumbai	3058	3115	NR	3231	NR	3222	3352	NR	2847	2826	3009	3031	3071
Kolkata	3170	3210	3270	3290	3400	3400	3460	3340	3070	2980	3230	3340	3370
Chennai	3100	3200	NR	3300	3200	NR	3300	NR	2800	2880	2960	NR	3150

Source: Price Monitoring Information System, Department of Consumer Affairs, Govt. of India

Monthly Spread between Retail and Wholesale Prices

Centre	Type	2012-13											
		31/10	30/11	31/12	31/01	28/02	28/03	30/04	31/05	28/06	31/07	30/08	30/09
DELHI	Retail	41	39	40	38	38	37	37	37	37	36	36	35
	Wholesale	3850	3675	3750	3550	3525	3400	3400	3380	3425	3300	3330	3340
	Variation	2.5	2.25	2.5	2.5	2.75	3	3	3.2	2.75	3	2.7	1.6
MUMBAI	Retail	40	40	38	38	40	38	38	40	40	40	40	36
	Wholesale	3597	3586	3409	3349	3314	3224	3254	3216	3187	3197	3209	3137
	Variation	4.03	4.14	3.91	4.51	6.86	5.76	5.46	7.84	8.13	8.03	7.91	4.63
KOLKATA	Retail	41	40	39	38	38	37	36	36	36	36	36	35
	Wholesale	3830	3680	3600	3440	3480	3380	NR	3410	3400	3420	3420	3300
	Variation	2.7	3.2	3	3.6	3.2	3.2		1.9	2	1.8	1.8	2
CHENNAI	Retail	37	38	36	35	34	32	34	34	34	34	34	34
	Wholesale	3500	3600	3400	3300	3200	3000	3150	3180	3200	3200	3200	3200
	Variation	2	2	2	2	2	2	2.5	2.2	2	2	2	2
Centre	Type	2013-14											
		31/10	29/11	31/12	31/01	28/02	31/03	30/04	30/05	30/06	31/07	29/08	30/09
DELHI	Retail	36	36	36	36	35	36	37	38	38	36	37	36
	Wholesale	3380	3350	3300	3260	3180	3230	3350	3500	3750	3500	3450	3280
	Variation	2.2	2.5	3	3.4	3.2	3.7	3.5	3	0.5	1	2.5	3.2
MUMBAI	Retail	36	36	34	34	NR	NR	38	38	NR	39	NR	38
	Wholesale	3071	3031	3009	2826	2847	NR	3352	3222	NR	3231	NR	3115
	Variation	5.29	5.69	3.91	5.74			4.48	5.78		6.69		6.85
KOLKATA	Retail	35	35	34	34	34	36	36	36	36	35	35	35
	Wholesale	3370	3340	3230	2980	3070	3340	3460	3400	3400	3290	3270	3210
	Variation	1.3	1.6	1.7	4.2	3.3	2.6	1.4	2	2	2.1	2.3	2.9
CHENNAI	Retail	33	NR	32	32	31	NR	35	NR	34	34	NR	34
	Wholesale	3150	NR	2960	2880	2800	NR	3300	NR	3200	3300	NR	3200
	Variation	1.5		2.4	3.2	3		2		2	1		2

Source: Price Monitoring Information System, Department of Consumer Affairs, Govt. of India

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



**Stock Disposal Pattern for Sugar in the Study Period – Maharashtra
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 12	59.73	178.59	1899.76	5699.29	1959.49	5877.88	77.97	147.52	515.64	1580.45	0.32	0.74	0.52	1.32	594.45	1730.04
Nov, 12	59.23	177.11	2296.06	6888.17	2355.29	7065.28	55.64	105.28	535.83	1642.32	0.07	0.15	0.00	0.00	591.54	1747.75
Dec, 12	76.17	227.74	3596.14	10788.41	3672.30	11016.15	72.63	137.42	481.06	1474.44	0.00	0.00	0.00	0.00	553.68	1611.85
Jan, 13	86.07	257.36	5075.53	15226.59	5161.60	15483.95	73.70	139.45	362.55	1111.21	1.95	4.49	0.00	0.00	438.20	1255.16
Feb, 13	90.47	270.52	6252.26	18756.78	6342.73	19027.30	57.21	108.25	439.35	1346.62	0.38	0.87	0.00	0.00	496.95	1455.75
Mar, 13	83.70	250.28	6940.43	20821.30	7024.14	21071.58	50.46	95.48	455.76	1396.91	2.83	6.50	0.10	0.26	509.15	1499.15
Apr, 13	89.94	268.92	6567.86	19703.58	6657.80	19972.50	40.32	76.30	578.24	1772.31	4.68	10.76	0.00	0.00	623.25	1859.37
May, 13	81.94	244.99	5922.25	17766.76	6004.19	18011.75	58.36	110.43	604.45	1852.65	3.38	7.77	1.00	2.55	667.20	1973.40
Jun, 13	71.85	214.83	5423.54	16270.62	5495.39	16485.45	12.92	24.45	486.41	1490.85	5.41	12.44	2.85	7.26	507.59	1535.00
Jul, 13	65.10	194.64	4830.80	14492.40	4895.90	14687.04	10.70	20.25	526.88	1614.89	5.95	13.68	55.31	141.04	598.84	1789.86
Aug, 13	60.06	179.58	4211.56	12634.68	4271.62	12814.26	13.29	25.14	579.54	1776.31	4.23	9.72	26.40	67.33	623.46	1878.50
Sep, 13	54.63	163.33	3576.65	10729.96	3631.28	10893.29	10.56	19.97	592.84	1817.05	4.79	11.01	30.90	78.81	639.08	1926.83

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From pre page

Appendix-XI

**Stock Disposal Pattern for Sugar in the Study Period – Maharashtra
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 13	40.28	118.43	2614.05	7711.44	2654.33	7829.87	14.11	26.70	874.05	2316.25	9.03	20.76	51.23	135.75	948.42	2499.45
Nov, 13	143.31	421.33	2344.85	6917.32	2488.16	7338.65	4.92	9.30	585.62	1551.90	52.22	120.11	57.22	151.64	699.99	1832.96
Dec, 13	335.41	986.10	2974.98	8776.18	3310.38	9762.27	4.44	8.40	568.74	1507.16	122.45	281.64	87.01	230.58	782.64	2027.78
Jan, 14	251.68	739.94	4001.57	11804.64	4253.25	12544.58	0.91	1.73	574.05	1521.23	176.77	406.57	64.12	169.92	815.85	2099.45
Feb, 14	249.19	732.63	4696.69	13855.25	4945.89	14587.87	1.04	1.97	626.87	1661.19	145.15	333.85	86.31	228.73	859.37	2225.73
Mar, 14	338.42	994.96	4850.82	14309.93	5189.25	15304.89	1.58	2.99	765.11	2027.54	176.43	405.79	82.99	219.93	1026.11	2656.25
Apr, 14	181.09	532.40	4851.74	14312.62	5032.82	14845.02	0.00	0.00	593.62	1573.09	137.48	316.20	30.29	80.27	761.39	1969.56
May, 14	81.22	238.78	4461.67	13161.94	4542.89	13400.72	0.09	0.17	443.77	1176.00	63.11	145.16	7.62	20.20	514.60	1341.53
Jun, 14	75.38	221.62	3817.81	11262.54	3893.19	11484.15	0.05	0.09	625.40	1657.32	4.22	9.70	2.98	7.89	632.64	1674.99
Jul, 14	64.47	189.53	3220.55	9500.62	3285.02	9690.15	0.00	0.00	591.04	1566.26	10.73	24.67	1.56	4.13	603.33	1595.07
Aug, 14	64.21	188.78	2626.85	7749.22	2691.07	7938.00	0.00	0.00	593.37	1572.42	0.13	0.30	0.21	0.55	593.71	1573.27
Sep, 2014	58.75	172.71	2041.58	6022.65	2100.32	6195.36	0.02	0.03	582.89	1544.66	0.39	0.90	2.37	6.27	585.67	1551.86

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



**Stock Disposal Pattern for Sugar in the Study Period – Bihar
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 12	0.00	0.00	92.77	306.13	92.77	306.13	0.80	1.47	39.56	130.74	0.00	0.00	0.00	0.00	40.36	132.21
Nov, 12	0.00	0.00	71.30	235.29	71.30	235.29	0.02	0.04	44.12	145.81	0.00	0.00	0.00	0.00	44.14	145.85
Dec, 12	0.00	0.00	152.76	504.11	152.76	504.11	0.03	0.05	43.49	143.73	0.00	0.00	0.00	0.00	43.52	143.78
Jan, 13	0.00	0.00	256.27	845.69	256.27	845.69	0.00	0.00	35.44	117.12	0.00	0.00	0.00	0.00	35.44	117.12
Feb, 13	0.00	0.00	345.14	1138.95	345.14	1138.95	0.04	0.08	32.37	106.98	0.00	0.00	0.00	0.00	32.41	107.06
Mar, 13	0.00	0.00	407.60	1345.08	407.60	1345.08	4.33	7.95	27.96	92.39	0.00	0.00	0.00	0.00	32.28	100.34
Apr, 13	0.00	0.00	377.43	1245.51	377.43	1245.51	1.46	2.68	33.55	110.89	0.00	0.00	0.00	0.00	35.01	113.57
May, 13	0.00	0.00	321.55	1061.11	321.55	1061.11	4.58	8.41	51.30	169.56	0.00	0.00	0.00	0.00	55.88	177.97
Jun, 13	0.00	0.00	282.55	932.42	282.55	932.42	0.76	1.40	38.23	126.36	0.00	0.00	0.00	0.00	39.00	127.76
Jul, 13	0.00	0.00	248.06	818.60	248.06	818.60	1.59	2.93	32.90	108.72	0.00	0.00	0.00	0.00	34.49	111.65
Aug, 13	0.00	0.00	201.63	665.38	201.63	665.38	0.24	0.43	46.19	152.67	0.00	0.00	0.00	0.00	46.43	153.10
Sep, 13	0.00	0.00	163.76	540.40	163.76	540.40	0.00	0.00	37.88	125.18	0.00	0.00	0.00	0.00	37.88	125.18

Contd./-



**Stock Disposal Pattern for Sugar in the Study Period – Bihar
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 13	0.00	0.00	111.25	367.14	111.25	367.14	1.08	1.99	51.42	160.74	0.00	0.00	0.00	0.00	52.50	162.73
Nov, 13	0.00	0.00	75.56	249.34	75.56	249.34	0.00	0.00	35.70	111.58	0.00	0.00	0.00	0.00	35.70	111.58
Dec, 13	0.00	0.00	132.77	438.14	132.77	438.14	0.00	0.00	32.46	101.48	0.00	0.00	0.00	0.00	32.46	101.48
Jan, 14	0.00	0.00	254.02	838.27	254.02	838.27	0.11	0.21	29.48	92.17	0.00	0.00	0.00	0.00	29.60	92.38
Feb, 14	0.00	0.00	349.84	1154.48	349.84	1154.48	0.00	0.00	38.31	119.74	0.00	0.00	0.00	0.00	38.31	119.74
Mar, 14	0.00	0.00	428.87	1415.26	428.87	1415.26	0.00	0.00	58.90	184.11	0.00	0.00	0.00	0.00	58.90	184.11
Apr, 14	0.00	0.00	473.78	1563.49	473.78	1563.49	0.00	0.00	34.10	106.60	0.00	0.00	0.00	0.00	34.10	106.60
May, 14	0.00	0.00	432.33	1426.69	432.33	1426.69	0.00	0.00	45.96	143.67	0.00	0.00	0.00	0.00	45.96	143.67
Jun, 14	0.00	0.00	385.22	1271.23	385.22	1271.23	0.00	0.00	47.11	147.26	0.00	0.00	0.00	0.00	47.11	147.26
Jul, 14	0.00	0.00	343.97	1135.09	343.97	1135.09	0.00	0.00	41.25	128.96	0.00	0.00	0.00	0.00	41.25	128.96
Aug, 14	0.00	0.00	287.47	948.65	287.47	948.65	0.00	0.00	56.50	176.60	0.00	0.00	0.00	0.00	56.50	176.60
Sep, 2014	0.00	0.00	239.04	788.83	239.04	788.83	0.00	0.00	48.43	151.40	0.00	0.00	0.00	0.00	48.43	151.40

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL

Stock Disposal Pattern for Sugar in the Study Period – Haryana
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 12	0.00	0.00	122.93	424.10	122.93	424.10	3.54	6.39	42.29	137.85	0.00	0.00	0.00	0.00	45.83	144.24
Nov, 12	0.00	0.00	63.59	219.39	63.59	219.39	3.19	5.74	65.44	213.35	0.00	0.00	0.00	0.00	68.63	219.09
Dec, 12	0.00	0.00	132.69	457.78	132.69	457.78	2.45	4.41	39.22	127.87	0.00	0.00	0.00	0.00	33.12	102.43
Jan, 13	0.00	0.00	173.70	599.27	173.70	599.27	3.81	6.86	29.32	95.57	0.00	0.00	0.00	0.00	36.35	113.45
Feb, 13	0.00	0.00	243.31	839.41	243.31	839.41	3.46	6.24	32.89	107.21	0.00	0.00	0.00	0.00	32.51	105.40
Mar, 13	0.00	0.00	342.89	1182.97	342.89	1182.97	0.41	0.74	32.10	104.65	0.00	0.00	0.00	0.00	21.70	70.63
Apr, 13	0.00	0.00	396.79	1368.93	396.79	1368.93	0.07	0.13	21.63	70.50	0.00	0.00	0.00	0.00	34.16	111.28
May, 13	0.00	0.00	364.97	1259.13	364.97	1259.13	0.07	0.12	34.10	111.16	0.00	0.00	0.00	0.00	33.70	109.86
Jun, 13	0.00	0.00	331.27	1142.87	331.27	1142.87	0.00	0.00	33.70	109.86	0.00	0.00	0.00	0.00	49.94	162.80
Jul, 13	0.00	0.00	281.35	970.67	281.35	970.67	0.00	0.00	49.94	162.80	0.00	0.00	0.00	0.00	34.93	113.86
Aug, 13	0.00	0.00	246.43	850.17	246.43	850.17	0.00	0.00	34.93	113.86	0.00	0.00	0.00	0.00	35.72	116.45
Sep, 13	0.00	0.00	210.70	726.93	210.70	726.93	0.01	0.01	35.72	116.44	0.00	0.00	0.00	0.00		

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Appendix-XIII

**Stock Disposal Pattern for Sugar in the Study Period – Haryana
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Jan, 14	0.00	0.00	255.57	914.95	255.57	914.95	0.00	0.00	39.38	120.52	0.00	0.00	0.00	0.00	39.38	120.52
Feb, 14	0.00	0.00	309.99	1109.76	309.99	1109.76	0.00	0.00	52.16	159.60	0.00	0.00	0.00	0.00	52.16	159.60
Mar, 14	0.00	0.00	379.65	1359.15	379.65	1359.15	0.00	0.00	58.28	178.34	0.00	0.00	0.00	0.00	58.28	178.34
Apr, 14	0.00	0.00	421.06	1507.40	421.06	1507.40	0.00	0.00	43.98	134.58	0.00	0.00	0.00	0.00	43.98	134.58
May, 14	0.00	0.00	383.56	1373.13	383.56	1373.13	0.00	0.00	38.18	116.84	0.00	0.00	0.00	0.00	38.18	116.84
Jun, 14	0.00	0.00	329.00	1177.83	329.00	1177.83	0.00	0.00	54.55	166.93	0.00	0.00	0.00	0.00	54.55	166.93
Jul, 14	0.00	0.00	295.72	1058.69	295.72	1058.69	0.00	0.00	33.28	101.84	0.00	0.00	0.00	0.00	33.28	101.84
Aug, 14	0.00	0.00	260.67	933.19	260.67	933.19	0.00	0.00	35.06	107.27	0.00	0.00	0.00	0.00	35.06	107.27
Sep, 2014	0.00	0.00	232.50	832.36	232.50	832.36	0.00	0.00	28.16	86.18	0.00	0.00	0.00	0.00	28.16	86.18

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Appendix-XIV

Stock Disposal Pattern for Sugar in the Study Period – Punjab
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
															18.37	57.29
Oct, 12	2.56	8.95	99.54	348.37	102.10	357.32	1.83	3.39	16.53	53.90	0.00	0.00	0.00	0.00	40.16	126.83
Nov, 12	2.56	8.95	62.12	217.43	64.69	226.38	2.90	5.37	37.26	121.46	0.00	0.00	0.00	0.00	55.80	176.14
Dec, 12	2.56	8.95	110.35	386.21	112.91	395.16	4.10	7.58	51.71	168.56	0.00	0.00	0.00	0.00	41.54	127.06
Jan, 13	0.00	0.00	192.45	673.58	192.45	673.58	5.94	11.00	35.60	116.05	0.00	0.00	0.00	0.00	34.91	107.66
Feb, 13	0.00	0.00	273.05	955.66	273.05	955.66	4.36	8.07	30.55	99.58	0.00	0.00	0.00	0.00	49.07	151.63
Mar, 13	0.00	0.00	306.09	1071.30	306.09	1071.30	5.93	10.97	43.15	140.65	0.00	0.00	0.00	0.00	22.11	71.39
Apr, 13	0.00	0.00	289.80	1014.29	289.80	1014.29	0.49	0.92	21.62	70.47	0.00	0.00	0.00	0.00	32.51	105.16
May, 13	0.00	0.00	261.51	915.29	261.51	915.29	0.58	1.07	31.93	104.08	0.00	0.00	0.00	0.00	30.56	99.59
Jun, 13	0.00	0.00	231.14	809.01	231.14	809.01	0.02	0.04	30.54	99.55	0.00	0.00	0.00	0.00	35.04	114.22
Jul, 13	0.00	0.00	196.11	686.37	196.11	686.37	0.00	0.00	35.04	114.22	0.00	0.00	0.00	0.00	31.48	102.64
Aug, 13	0.00	0.00	164.62	576.18	164.62	576.18	0.00	0.00	31.48	102.64	0.00	0.00	0.00	0.00	30.67	99.95
Sep, 13	0.00	0.00	133.95	468.83	133.95	468.83	0.03	0.05	30.64	99.90	0.00	0.00	0.00	0.00		

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Stock Disposal Pattern for Sugar in the Study Period – Punjab
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 13	0.00	0.00	96.35	337.21	96.35	337.21	0.00	0.00	37.61	115.15	0.00	0.00	0.00	0.00	37.61	115.15
Nov, 13	0.00	0.00	65.43	229.01	65.43	229.01	0.00	0.00	36.93	113.08	0.00	0.00	0.00	0.00	36.93	113.08
Dec, 13	0.00	0.00	149.11	521.89	149.11	521.89	0.00	0.00	36.96	113.17	0.00	0.00	0.00	0.00	36.96	113.17
Jan, 14	0.00	0.00	243.44	852.04	243.44	852.04	0.00	0.00	34.70	106.25	0.00	0.00	0.00	0.00	34.70	106.25
Feb, 14	0.00	0.00	306.49	1072.71	306.49	1072.71	0.00	0.00	50.05	153.25	0.00	0.00	0.00	0.00	50.05	153.25
Mar, 14	0.00	0.00	334.69	1171.41	334.69	1171.41	0.00	0.00	64.64	197.92	0.00	0.00	0.00	0.00	64.64	197.92
Apr, 14	0.00	0.00	315.23	1103.29	315.23	1103.29	0.00	0.00	26.20	80.23	0.00	0.00	0.00	0.00	26.20	80.23
May, 14	0.00	0.00	293.91	1028.70	293.91	1028.70	0.00	0.00	24.87	76.14	0.00	0.00	0.00	0.00	24.87	76.14
Jun, 14	0.00	0.00	257.84	902.45	257.84	902.45	0.00	0.00	37.26	114.09	0.00	0.00	0.00	0.00	37.26	114.09
Jul, 14	0.00	0.00	237.90	832.65	237.90	832.65	0.00	0.00	19.94	61.07	0.00	0.00	0.00	0.00	19.94	61.07
Aug, 14	0.00	0.00	218.90	766.16	218.90	766.16	0.00	0.00	19.00	58.17	0.00	0.00	0.00	0.00	19.00	58.17
Sep, 2014	0.00	0.00	197.23	690.32	197.23	690.32	0.12	0.23	21.55	65.97	0.00	0.00	0.00	0.00	21.67	66.20

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Appendix-XV

Stock Disposal Pattern for Sugar in the Study Period – Uttarakhand
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 12	0.00	0.00	121.78	427.68	121.78	427.68	0.20	0.37	20.59	68.04	0.00	0.00	0.00	0.00	20.78	68.41
Nov, 12	0.00	0.00	89.50	314.31	89.50	314.31	0.23	0.43	33.12	109.46	0.00	0.00	0.00	0.00	33.35	109.89
Dec, 12	0.00	0.00	143.03	502.33	143.03	502.33	0.03	0.06	30.80	101.79	0.00	0.00	0.00	0.00	30.83	101.85
Jan, 13	0.00	0.00	202.05	709.59	202.05	709.59	0.00	0.00	22.46	74.24	0.00	0.00	0.00	0.00	22.46	74.24
Feb, 13	0.00	0.00	254.49	893.78	254.49	893.78	0.06	0.12	12.85	42.46	0.00	0.00	0.00	0.00	12.91	42.58
Mar, 13	0.00	0.00	318.69	1119.26	318.69	1119.26	0.03	0.06	15.72	51.95	0.00	0.00	0.00	0.00	15.75	52.00
Apr, 13	0.00	0.00	330.88	1162.05	330.88	1162.05	0.01	0.02	13.81	45.63	0.00	0.00	0.00	0.00	13.81	45.64
May, 13	0.00	0.00	315.15	1106.80	315.15	1106.80	0.01	0.01	15.73	51.97	0.00	0.00	0.00	0.00	15.73	51.98
Jun, 13	0.00	0.00	296.30	1040.60	296.30	1040.60	0.00	0.00	18.85	62.30	0.00	0.00	0.00	0.00	18.85	62.30
Jul, 13	0.00	0.00	272.63	957.49	272.63	957.49	0.02	0.03	23.65	78.15	0.00	0.00	0.00	0.00	23.66	78.18
Aug, 13	0.00	0.00	259.27	910.55	259.27	910.55	0.00	0.00	13.36	44.17	0.00	0.00	0.00	0.00	13.36	44.17
Sep, 13	0.00	0.00	239.71	841.85	239.71	841.85	0.00	0.00	19.56	64.64	0.00	0.00	0.00	0.00	19.56	64.65

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**Stock Disposal Pattern for Sugar in the Study Period – Uttarakhand
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 13	0.00	0.00	213.05	748.23	213.05	748.23	0.00	0.00	26.66	83.31	0.00	0.00	0.00	0.00	26.66	83.31
Nov, 13	0.00	0.00	187.10	657.08	187.10	657.08	0.00	0.00	25.95	81.10	0.00	0.00	0.00	0.00	25.95	81.10
Dec, 13	0.00	0.00	230.70	810.23	230.70	810.23	0.00	0.00	21.34	66.68	0.00	0.00	0.00	0.00	21.34	66.68
Jan, 14	0.00	0.00	279.11	980.24	279.11	980.24	0.00	0.00	31.93	99.78	0.00	0.00	0.00	0.00	31.93	99.78
Feb, 14	0.00	0.00	320.28	1124.84	320.28	1124.84	0.00	0.00	32.10	100.30	0.00	0.00	0.00	0.00	32.10	100.30
Mar, 14	0.00	0.00	345.98	1215.08	345.98	1215.08	0.00	0.00	36.85	115.16	0.00	0.00	0.00	0.00	36.85	115.16
Apr, 14	0.00	0.00	338.37	1188.37	338.37	1188.37	0.00	0.00	24.03	75.10	0.00	0.00	0.00	0.00	24.03	75.10
May, 14	0.00	0.00	323.14	1134.87	323.14	1134.87	0.00	0.00	15.23	47.60	0.00	0.00	0.00	0.00	15.23	47.60
Jun, 14	0.00	0.00	288.12	1011.88	288.12	1011.88	0.00	0.00	35.02	109.43	0.00	0.00	0.00	0.00	35.02	109.43
Jul, 14	0.00	0.00	275.09	966.11	275.09	966.11	0.00	0.00	13.03	40.73	0.00	0.00	0.00	0.00	13.03	40.73
Aug, 14	0.00	0.00	243.97	856.83	243.97	856.83	0.00	0.00	31.12	97.23	0.00	0.00	0.00	0.00	31.12	97.23
Sep, 2014	0.00	0.00	202.12	709.85	202.12	709.85	0.00	0.00	41.85	130.78	0.00	0.00	0.00	0.00	41.85	130.78

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Appendix-XVI

**Stock Disposal Pattern for Sugar in the Study Period – Uttar Pradesh
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
						Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$			
Oct, 12	12.20	42.72	1076.97	3781.23	1089.17	3823.95	73.88	143.48	472.06	1560.16	0.00	0.00	2.50	6.38	548.44	1710.02
Nov, 12	13.26	46.42	776.57	2726.54	789.83	2772.96	50.30	97.69	471.60	1558.63	0.00	0.00	2.50	6.38	524.40	1662.69
Dec, 12	17.10	59.87	1962.22	6889.37	1979.33	6949.24	53.99	104.86	433.07	1431.31	0.00	0.00	0.00	0.00	625.29	2006.03
Jan, 13	17.58	61.55	3022.86	10613.26	3040.44	10674.80	44.43	86.29	580.86	1919.75	0.00	0.00	0.00	0.00	604.99	1931.68
Feb, 13	25.63	89.72	3841.98	13489.21	3867.61	13578.92	49.76	96.64	555.23	1835.04	0.00	0.00	0.00	0.00	554.04	1783.72
Mar, 13	31.51	110.32	4959.26	17411.96	4990.77	17522.28	34.75	67.49	519.26	1716.17	0.00	0.00	0.02	0.06	545.71	1785.92
Apr, 13	33.39	116.91	5205.67	18277.12	5239.07	18394.03	12.67	24.60	532.54	1760.03	0.00	0.00	0.51	1.29	664.33	2168.73
May, 13	5.08	17.79	4577.08	16070.14	4582.16	16087.93	19.54	37.94	644.46	2129.95	0.00	0.00	0.33	0.84	489.17	1611.65
Jun, 13	5.08	17.79	4087.91	14352.65	4092.99	14370.44	3.61	7.01	485.36	1604.13	0.00	0.00	0.20	0.51	556.53	1838.38
Jul, 13	5.08	17.79	3531.38	12398.68	3536.46	12416.47	0.69	1.34	555.83	1837.02	0.00	0.00	0.01	0.02	568.87	1877.88
Aug, 13	5.08	17.79	2962.51	10401.37	2967.59	10419.16	1.43	2.77	567.05	1874.09	0.00	0.00	0.40	1.02	563.80	1861.08
Sep, 13	5.08	17.79	2398.71	8421.87	2403.79	8439.66	0.09	0.17	560.85	1853.61	0.00	0.00	2.86	7.29		

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Appendix-XVI

**Stock Disposal Pattern for Sugar in the Study Period – Uttar Pradesh
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export		Total			
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 13	5.08	17.79	1671.35	5868.12	1676.43	5885.91	0.39	0.76	721.23	2266.81	0.00	0.00	5.74	15.21	727.36	2282.78
Nov, 13	5.08	17.79	1179.84	4142.41	1184.92	4160.20	0.88	1.71	501.99	1577.76	0.00	0.00	0.26	0.69	503.13	1580.16
Dec, 13	8.56	29.96	1834.98	6442.62	1843.54	6472.58	0.01	0.01	438.80	1379.15	0.00	0.00	0.18	0.48	438.99	1379.64
Jan, 14	10.30	36.08	2849.37	10004.14	2859.68	10040.22	0.00	0.00	638.36	2006.37	0.00	0.00	0.02	0.05	638.38	2006.42
Feb, 14	12.92	45.24	3696.43	12978.17	3709.35	13023.40	0.18	0.35	700.41	2201.39	0.00	0.00	0.22	0.59	700.81	2202.33
Mar, 14	16.52	57.82	4610.86	16188.72	4627.37	16246.54	0.56	1.09	658.78	2070.56	0.00	0.00	1.85	4.89	661.19	2076.54
Apr, 14	14.54	50.91	4855.61	17048.05	4870.15	17098.96	0.00	0.00	427.62	1344.00	0.00	0.00	3.85	10.21	431.47	1354.21
May, 14	4.79	16.78	4361.91	15314.67	4366.70	15331.45	0.42	0.81	525.37	1651.24	0.00	0.00	0.02	0.05	525.81	1652.10
Jun, 14	4.72	16.51	3708.81	13021.65	3713.53	13038.16	0.00	0.00	655.40	2059.93	0.05	0.00	0.04	0.11	655.49	2060.03
Jul, 14	4.70	16.47	3280.00	11516.07	3284.70	11532.53	0.00	0.00	428.39	1346.42	0.00	0.00	0.43	1.14	428.82	1347.56
Aug, 14	4.68	16.39	2750.50	9657.02	2755.19	9673.42	0.00	0.00	528.92	1662.39	0.00	0.00	0.57	1.52	529.49	1663.91
Sep, 2014	4.67	16.34	2138.84	7509.47	2143.51	7525.81	0.00	0.00	610.75	1919.58	0.00	0.00	0.92	2.43	611.66	1922.01

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Appendix-XVII

Stock Disposal Pattern for Sugar in the Study Period – Andhra Pradesh
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export		Total			
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 12	3.46	11.04	126.28	404.11	129.74	415.15	3.82	7.54	48.95	152.97	0.00	0.00	0.04	0.09	52.81	160.60
Nov, 12	3.46	11.04	85.30	272.96	88.76	284.00	5.12	10.10	61.61	192.52	0.00	0.00	0.05	0.14	66.78	202.75
Dec, 12	3.46	11.04	196.10	627.52	199.56	638.56	3.01	5.93	58.75	183.60	0.00	0.00	0.00	0.00	61.76	189.53
Jan, 13	3.46	11.04	301.70	965.44	305.16	976.48	1.79	3.54	72.84	227.63	0.00	0.00	0.00	0.00	74.64	231.17
Feb, 13	3.46	11.04	404.39	1294.04	407.85	1305.08	2.69	5.31	77.22	241.30	0.00	0.00	0.00	0.00	79.91	246.61
Mar, 13	3.46	11.04	438.41	1402.91	441.87	1413.95	0.71	1.39	71.03	221.96	0.00	0.00	0.00	0.00	71.73	223.35
Apr, 13	3.46	11.04	413.39	1322.85	416.85	1333.89	0.13	0.26	43.90	137.17	0.00	0.00	0.00	0.00	44.03	137.43
May, 13	3.46	11.04	359.66	1150.91	363.12	1161.95	0.08	0.15	59.32	185.38	0.00	0.00	0.00	0.00	59.40	185.53
Jun, 13	3.46	11.04	328.82	1052.23	332.28	1063.27	0.02	0.03	30.82	96.31	0.00	0.00	0.00	0.00	30.84	96.35
Jul, 13	3.46	11.04	288.60	923.51	292.06	934.55	0.00	0.01	40.22	125.69	0.00	0.00	0.00	0.00	40.23	125.70
Aug, 13	3.46	11.04	247.87	793.18	251.33	804.22	0.00	0.01	40.72	127.26	0.00	0.00	0.00	0.00	40.73	127.27
Sep, 13	3.46	11.04	205.14	656.46	208.60	667.50	0.11	0.21	39.96	124.88	0.00	0.00	0.00	0.00	40.07	125.09

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Appendix-XVII

**Stock Disposal Pattern for Sugar in the Study Period – Andhra Pradesh
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export		Total			
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$		
Oct, 13	3.46	11.04	165.68	530.18	169.14	541.22	0.00	0.00	39.46	115.94	0.00	0.00	0.00	0.00	39.46	115.94
Nov, 13	3.46	11.04	132.59	424.29	136.05	435.32	0.00	0.00	45.94	134.98	0.00	0.00	0.00	0.00	45.94	134.98
Dec, 13	3.46	11.04	225.27	720.85	228.73	731.89	0.00	0.01	45.41	133.41	0.00	0.00	0.00	0.00	45.41	133.42
Jan, 14	3.46	11.04	322.54	1032.14	326.00	1043.17	0.00	0.00	70.30	206.55	0.00	0.00	1.09	2.90	71.40	209.44
Feb, 14	3.46	11.04	445.30	1424.95	448.76	1435.99	0.00	0.00	65.62	192.80	0.00	0.00	0.58	1.55	66.21	194.35
Mar, 14	3.46	11.04	493.83	1580.26	497.29	1591.30	0.00	0.00	62.01	182.18	0.00	0.00	2.03	5.37	64.04	187.56
Apr, 14	3.46	11.04	469.95	1503.85	473.41	1514.89	0.00	0.00	59.20	173.93	0.00	0.00	0.00	0.00	59.20	173.93
May, 14	3.46	11.04	404.36	1293.95	407.82	1304.99	0.00	0.00	60.10	176.56	0.00	0.00	0.00	0.00	60.10	176.56
Jun, 14	3.46	11.04	357.25	1143.20	360.71	1154.24	0.00	0.00	47.11	138.41	0.00	0.00	0.00	0.00	47.11	138.41
Jul, 14	3.46	11.04	320.92	1026.94	324.38	1037.98	0.00	0.00	36.33	106.74	0.00	0.00	0.00	0.00	36.33	106.74
Aug, 14	3.46	11.04	266.46	852.66	269.92	863.70	0.00	0.00	54.46	160.01	0.00	0.00	0.00	0.00	54.46	160.01
Sep, 2014	3.46	11.04	207.09	662.68	210.55	673.72	0.00	0.00	59.37	174.42	0.00	0.00	0.00	0.00	59.37	174.42

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI

PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Stock Disposal Pattern for Sugar in the Study Period – Tamil Nadu
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									Total	
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Qty.*	Realization*	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar				
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$			
Oct, 12	14.69	46.86	506.37	1620.39	521.06	1667.25	17.03	33.02	146.00	462.52	0.00	0.00	0.50	1.28	163.52	496.81	
Nov, 12	16.16	51.54	404.99	1295.98	421.15	1347.52	19.26	37.34	130.88	414.64	0.00	0.00	0.96	2.45	151.10	454.43	
Dec, 12	21.30	67.95	497.35	1591.51	518.65	1659.46	21.77	42.22	127.49	403.88	0.00	0.00	0.00	0.00	149.26	446.10	
Jan, 13	19.29	61.52	606.95	1942.25	626.24	2003.77	23.50	45.56	142.12	450.25	0.00	0.00	0.00	0.00	165.62	495.81	
Feb, 13	19.60	62.52	787.15	2518.87	806.75	2581.39	20.03	38.85	136.22	431.55	0.05	0.12	0.00	0.00	156.31	470.52	
Mar, 13	18.20	58.07	943.35	3018.73	961.56	3076.80	16.42	31.83	144.15	456.68	0.00	0.00	3.90	9.95	164.47	498.46	
Apr, 13	16.54	52.77	1016.97	3254.30	1033.51	3307.08	13.29	25.77	119.00	377.00	0.00	0.00	9.39	23.94	141.68	426.71	
May, 13	14.87	47.44	941.82	3013.81	956.69	3061.25	17.15	33.25	142.15	450.32	0.00	0.00	12.32	31.41	171.61	514.98	
Jun, 13	10.07	32.14	890.00	2848.00	900.07	2880.14	1.98	3.85	99.69	315.82	0.00	0.00	15.64	39.88	117.32	359.56	
Jul, 13	8.55	27.28	863.03	2761.69	871.58	2788.97	2.48	4.81	113.25	358.77	0.00	0.00	0.68	1.74	116.41	365.33	
Aug, 13	8.55	27.28	855.71	2738.27	864.26	2765.56	0.01	0.02	124.01	392.85	0.00	0.00	1.10	2.82	125.12	395.69	
Sep, 13	7.55	24.09	807.83	2585.05	815.38	2609.15	1.01	1.96	114.02	361.22	1.00	2.30	0.08	0.22	116.12	365.70	

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**Stock Disposal Pattern for Sugar in the Study Period – Tamil Nadu
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									Qty.*	Realization*
	Raw Sugar		White Sugar		Total		Domestic Sale				Export						
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar				
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$			
Oct, 13	7.58	23.32	712.68	2200.76	720.26	2224.08	0.01	0.03	117.57	352.11	0.00	0.00	2.34	5.97	119.92	358.11	
Nov, 13	7.58	23.32	633.12	1955.06	640.69	1978.38	0.01	0.03	99.70	298.61	0.00	0.00	1.94	4.95	101.66	303.59	
Dec, 13	7.58	23.32	617.75	1907.62	625.33	1930.94	0.01	0.03	126.06	377.55	0.00	0.00	0.98	2.51	127.06	380.09	
Jan, 14	22.61	69.58	700.12	2161.96	722.72	2231.54	0.00	0.00	102.48	306.92	0.00	0.00	0.07	0.18	102.55	307.10	
Feb, 14	53.02	163.19	859.16	2653.09	912.18	2816.29	0.55	1.06	82.36	246.68	0.00	0.00	0.88	2.25	83.79	249.99	
Mar, 14	96.44	296.84	946.53	2922.88	1042.97	3219.71	0.00	0.00	123.66	370.37	15.20	36.48	1.51	3.85	140.37	410.70	
Apr, 14	89.34	275.00	974.72	3009.93	1064.06	3284.93	0.00	0.00	123.79	370.75	22.00	52.79	0.00	0.00	145.79	423.54	
May, 14	80.90	249.00	934.63	2886.14	1015.53	3135.14	0.00	0.00	116.63	349.31	5.12	12.28	0.40	1.01	122.14	362.60	
Jun, 14	68.10	209.60	826.42	2551.99	894.52	2761.59	0.00	0.00	126.99	380.35	12.31	29.53	0.62	1.59	139.92	411.47	
Jul, 14	52.05	160.21	774.50	2391.66	826.55	2551.88	0.00	0.00	113.01	338.45	14.16	33.99	0.39	0.99	127.56	373.44	
Aug, 14	50.28	154.77	752.47	2323.63	802.75	2478.40	0.63	1.23	136.03	407.42	0.00	0.00	0.05	0.13	136.71	408.77	
Sep, 2014	47.35	145.75	696.05	2149.40	743.40	2295.14	0.13	0.25	141.20	422.90	0.28	0.68	0.05	0.13	141.66	423.96	

- * Carry over stock + production during the month
- ** Quantity X per MT cost of production
- @ Zonal / State Levy Sugar Price X quantity sold
- # Average of the Ex-Mill prices in the State X quantity sold
- \$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI
 PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
 M.Phil DISSERTATION - RAJAN SEHGAL



Appendix-XIX

Stock Disposal Pattern for Sugar in the Study Period – Karnataka
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									Total	
	Raw Sugar		White Sugar		Total		Domestic Sale				Export						
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*	
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$			
Oct, 12	1.56	4.50	802.27	2326.59	803.83	2331.09	29.09	55.16	215.55	653.13	0.00	0.00	2.26	5.55	246.91	713.84	
Nov, 12	1.00	2.89	1071.99	3108.78	1072.99	3111.67	33.08	62.71	246.44	746.71	0.00	0.00	0.36	0.88	279.87	810.30	
Dec, 12	0.65	1.89	1655.05	4799.65	1655.70	4801.54	21.42	40.61	218.28	661.39	0.00	0.00	6.19	15.17	245.89	717.17	
Jan, 13	0.65	1.89	2206.90	6400.00	2207.55	6401.89	55.33	104.91	225.82	684.25	0.00	0.00	1.52	3.72	282.67	792.88	
Feb, 13	0.65	1.89	2538.48	7361.60	2539.13	7363.48	28.59	54.21	275.14	833.68	0.00	0.00	0.00	0.00	303.73	887.89	
Mar, 13	0.65	1.89	2613.92	7580.36	2614.57	7582.25	23.04	43.69	211.07	639.55	0.00	0.00	0.00	0.00	234.11	683.24	
Apr, 13	0.65	1.89	2381.80	6907.21	2382.45	6909.09	22.65	42.95	220.26	667.40	0.00	0.00	0.22	0.53	243.13	710.87	
May, 13	0.65	1.89	2124.54	6161.17	2125.19	6163.05	25.85	49.02	221.28	670.48	0.00	0.00	10.12	24.80	257.26	744.30	
Jun, 13	0.65	1.89	1871.99	5428.78	1872.65	5430.66	7.35	13.94	245.20	742.95	0.00	0.00	0.00	0.00	252.55	756.89	
Jul, 13	0.65	1.89	1557.17	4515.78	1557.82	4517.66	9.80	18.59	295.46	895.26	0.00	0.00	15.27	37.42	320.54	951.26	
Aug, 13	0.65	1.89	1353.13	3924.08	1353.78	3925.97	6.09	11.54	221.17	670.13	0.00	0.00	2.79	6.83	230.04	688.51	
Sep, 13	0.65	1.89	1061.49	3078.31	1062.14	3080.20	4.50	8.53	310.44	940.63	0.00	0.00	17.02	41.69	331.95	990.85	

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**Stock Disposal Pattern for Sugar in the Study Period – Karnataka
(Qty. in 000, MT) (Value in Rs. Crores)**

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									Total	
	Raw Sugar		White Sugar		Total		Domestic Sale				Export						
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*	
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$			
Oct. 13	0.65	2.02	874.55	2711.10	875.20	2713.12	3.87	7.34	248.57	636.34	0.00	0.00	14.22	36.26	266.66	679.94	
Nov. 13	2.11	6.51	873.02	2706.35	875.12	2712.86	0.79	1.50	228.24	584.29	0.00	0.00	13.16	33.55	242.19	619.34	
Dec. 13	0.89	2.75	1361.17	4219.63	1362.06	4222.38	0.06	0.11	367.61	941.07	14.07	33.76	36.41	92.85	418.14	1067.79	
Jan. 14	9.31	28.76	1923.99	5964.36	1933.29	5993.12	5.09	9.65	379.02	970.28	11.93	28.64	19.61	50.01	415.65	1058.59	
Feb. 14	61.33	189.52	2342.57	7261.97	2403.90	7451.49	11.20	21.24	373.69	956.65	1.00	2.40	14.23	36.28	400.12	1016.57	
Mar. 14	165.71	512.03	2473.76	7668.67	2639.47	8180.70	2.38	4.52	438.14	1121.63	58.32	139.97	14.24	36.30	513.07	1302.42	
Apr. 14	90.53	279.74	2410.61	7472.88	2501.14	7752.62	0.40	0.76	289.32	740.65	48.91	117.39	10.80	27.54	349.43	886.35	
May, 14	57.55	177.82	2068.25	6411.57	2125.79	6589.38	0.00	0.00	341.36	873.87	22.82	54.78	5.20	13.25	369.38	941.90	
Jun, 14	50.25	155.27	1662.09	5152.48	1712.34	5307.75	0.13	0.25	400.98	1026.52	2.25	5.39	5.04	12.85	408.40	1045.01	
Jul, 14	25.16	77.74	1149.43	3563.24	1174.59	3640.98	1.48	2.81	295.53	756.55	5.03	12.08	7.26	18.52	309.30	789.96	
Aug, 14	22.62	69.91	874.87	2712.11	897.50	2782.01	0.81	1.53	276.37	707.51	2.45	5.87	0.00	0.00	279.62	714.91	
Sep, 2014	18.44	56.98	639.26	1981.71	657.70	2038.68	0.00	0.00	266.85	683.13	3.64	8.74	0.07	0.18	270.56	692.06	

- * Carry over stock + production during the month
- ** Quantity X per MT cost of production
- @ Zonal / State Levy Sugar Price X quantity sold
- # Average of the Ex-Mill prices in the State X quantity sold
- \$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI
PERFORMANCE OF THE SUGAR SECTOR IN THE COUNTRY: POST DE-REGULATION
M.Phil DISSERTATION - RAJAN SEHGAL



Appendix-XX

Stock Disposal Pattern for Sugar in the Study Period – Gujarat
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									Total	
	Raw Sugar		White Sugar		Total		Domestic Sale				Export						
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*	
							Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$			
Oct, 12	0.00	0.00	192.07	576.22	192.07	576.22	12.10	23.71	77.74	242.55	0.00	0.00	0.00	0.00	89.84	266.26	
Nov, 12	0.00	0.00	308.51	925.53	308.51	925.53	9.31	18.25	69.60	217.17	0.00	0.00	0.00	0.00	78.92	235.41	
Dec, 12	0.00	0.00	427.76	1283.27	427.76	1283.27	11.07	21.69	96.33	300.54	0.00	0.00	0.00	0.00	107.40	322.23	
Jan, 13	0.00	0.00	581.26	1743.77	581.26	1743.77	6.89	13.49	78.74	245.67	0.00	0.00	0.00	0.00	85.63	259.16	
Feb, 13	0.00	0.00	718.31	2154.94	718.31	2154.94	5.10	9.98	63.44	197.93	0.00	0.00	0.00	0.00	68.53	207.91	
Mar, 13	5.52	16.50	815.94	2447.82	821.46	2464.32	5.30	10.38	102.74	320.54	0.43	0.99	7.33	17.95	115.79	349.86	
Apr, 13	5.42	16.21	789.68	2369.04	795.10	2385.25	0.68	1.33	72.52	226.27	1.28	2.95	6.03	14.78	80.52	245.33	
May, 13	4.81	14.40	695.72	2087.17	700.54	2101.57	0.00	0.01	89.77	280.10	0.61	1.39	4.18	10.24	94.56	291.73	
Jun, 13	3.90	11.65	610.09	1830.26	613.98	1841.91	0.00	0.00	70.77	220.79	0.92	2.11	14.87	36.43	86.55	259.34	
Jul, 13	0.02	0.07	517.12	1551.37	517.15	1551.44	0.00	0.00	72.74	226.94	2.16	4.97	25.13	61.56	100.03	293.48	
Aug, 13	0.02	0.07	440.27	1320.82	440.30	1320.89	0.09	0.18	74.81	233.40	0.00	0.00	1.95	4.78	76.85	238.36	
Sep, 13	0.02	0.07	346.19	1038.58	346.21	1038.64	0.13	0.26	73.45	229.18	0.00	0.00	20.50	50.21	94.08	279.65	

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Stock Disposal Pattern for Sugar in the Study Period – Gujarat
(Qty. in 000, MT) (Value in Rs. Crores)

Period	Sugar Stock held & Estimated Valuation						Sugar Stock Sold									
	Raw Sugar		White Sugar		Total		Domestic Sale				Export				Total	
	Qty*	Value**	Qty*	Value**	Qty*	Value**	Levy Sugar		Open market sale		Raw sugar		White Sugar		Qty.*	Realization*
						Qty*	Value@	Qty*	Value#	Qty*	Value\$	Qty*	Value\$			
Oct, 13	0.33	1.00	241.59	724.77	241.92	646.18	0.00	0.00	83.05	232.53	0.00	0.00	24.88	63.44	107.93	295.97
Nov, 13	24.35	72.81	266.47	799.41	290.82	776.78	0.00	0.00	103.97	291.10	10.64	25.53	12.28	31.31	126.88	347.94
Dec, 13	16.14	48.27	369.79	1109.37	385.93	1030.82	0.00	0.00	99.11	277.50	33.36	80.07	14.11	35.99	146.58	393.56
Jan, 14	8.54	25.55	485.31	1455.93	493.85	1319.08	0.00	0.00	89.92	251.78	8.84	21.23	67.14	171.21	165.90	444.21
Feb, 14	11.61	34.71	629.32	1887.96	640.93	1711.92	0.00	0.00	86.51	242.24	2.57	6.16	29.22	74.51	118.30	322.90
Mar, 14	6.72	20.09	698.13	2094.40	704.85	1882.66	0.00	0.00	121.51	340.22	7.57	18.18	39.43	100.55	168.51	458.95
Apr, 14	7.29	21.81	716.19	2148.58	723.49	1932.43	0.00	0.00	80.91	226.54	5.74	13.79	52.75	134.51	139.40	374.83
May, 14	1.34	3.99	618.31	1854.94	619.65	1655.09	0.00	0.00	90.53	253.47	0.02	0.06	18.08	46.11	108.63	299.64
Jun, 14	1.34	3.99	502.03	1506.09	503.37	1344.49	0.00	0.00	113.93	319.01	0.00	0.00	2.41	6.15	116.34	325.16
Jul, 14	1.34	3.99	435.32	1305.96	436.66	1166.31	0.00	0.00	67.22	188.21	0.00	0.00	0.85	2.16	68.07	190.38
Aug, 14	1.34	3.99	376.56	1129.67	377.89	1009.35	0.00	0.00	58.76	164.54	0.00	0.00	0.00	0.00	58.76	164.54
Sep, 2014	0.77	2.31	295.53	886.58	296.30	791.41	0.00	0.00	81.03	226.89	0.56	1.35	0.00	0.00	81.60	228.24

* Carry over stock + production during the month

** Quantity X per MT cost of production

@ Zonal / State Levy Sugar Price X quantity sold

Average of the Ex-Mill prices in the State X quantity sold

\$ Quantity exported X FOB realization on MT basis as per DGCIS data

Source: Department of Food and Public Distribution, GOI



Appendix-XXI

Sugar Balance Sheet

(Qty in Lac tons)

Particulars	2011-12	2012-13	2013-14 (Provisional)	2014-15 (Projected)
Carry- over stocks with sugar mills from Previous season	62.96	66.96	91.09	72.13
Less –Adjusted 5%	-	0.95	-	-
Export quantity from 2010-11 stock against OGL -3(allowed but exported after Sep, 11)	4.42	-	-	-
Net opening stock	58.54	66.01	91.09	72.13
Production of Sugar	263.43	258.58	245.54	250.46
Imports	-	6.76	1.05	-
Estimated Total availability	321.97	324.59	337.68	322.59
Estimated releases/dispatches for Internal consumption	227.25	230.00	243.00	248.00
Exports against ALS/AAS obligation and OGL	27.76	3.5	22.00	10.00
Domestic Raw Dispatches	-	-	-	4.00
Total Estimated releases/Dispatches	255.01	233.50	265.00	262.00
Estimated Closing stocks with sugar mills at the end of season	66.96	91.09	72.13	60.00

Source: Department of Food and Public Distribution, GOI



Appendix-XXII

WORLD SUGAR BALANCES (October/September)

(in thousand tonnes, raw value)

	2014/15	2013/14	2012/13	2011/12	2010/11	2009/10	2008/09
Production	182,897	182,557	185,323	174,759	165,560	158,184	149,532
Consumption	182,424	178,931	175,645	168,768	164,155	162,964	162,622
Surplus/deficit	473	3,626	9,678	5,991	1,405	-4,780	-13,090
Import demand	55,937	57,611	60,305	56,409	55,371	55,451	49,230
Export availability	56,647	57,916	61,086	56,427	55,245	55,450	49,738
End stocks	76,341	76,578	73257	64,360	58,387	56,856	61,635
Stocks/ consumption ratio in %	42	42.80	41.71	38.14	35.57	34.89	37.90

Source: World Sugar Balances, November 2014, International Sugar Organization