

# The Canadian Cereal Grain Flour Industry

SIC 1051 Cereal Grain Flour, 1988-97

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	96/88*	96/91*
<b>PRINCIPAL STATISTICS<sup>a</sup></b>												
Establishments	43	49	46	37	36	37	35	39	40		-7.0%	8.1%
Employment Total (number of employees) <sup>d</sup>	2,961	2,878	2,846	2,534	2,325	2,346	2,044	2,050	1,984		-33.0%	-21.7%
Production <sup>d</sup>	1,842	1,846	1,786	1,538	1,494	1,572	1,394	1,323	1,308		-29.0%	-16.8%
Administration <sup>d</sup>	1,119	1,032	1,060	996	831	774	650	727	676		-39.6%	-32.1%
GDP (millions of 1992\$) <sup>d</sup>	1,360.4	1,282.1	1,182.6	1,116.3	1,142.1	1,162.8	1,223.0	1,245.0	1,301.0	1,281.0	-5.8%	14.8%
Total Shipments (millions \$)	998.8	970.4	882.4	823.4	692.7	770.5	889.0	1,008.0	1,179.4		18.1%	43.2%
Total Shipments (millions of 1992\$) <sup>c</sup>	1,061.4	989.2	914.4	875.0	692.7	734.5	800.9	870.5	958.9		-9.7%	9.6%
Shipments, Own Manufacturing (millions \$)	890.7	878.3	791.1	653.4	655.8	715.6	838.0	958.5	1,064.3	1,058.7	18.9%	62.0%
Shipments, Own Manufacturing (millions of 1992\$) <sup>c</sup>	946.5	895.3	819.8	694.4	655.8	682.1	755.0	827.7	865.3	874.2	-7.6%	25.9%
Value-added, Own Manufacturing (millions \$)	174.4	215.1	211.9	200.5	177.0	176.2	171.4	234.4	233.9		34.2%	16.7%
Value-added, Own Manufacturing (millions of 1992\$) <sup>c</sup>	185.3	219.3	219.5	213.1	177.0	168.0	154.4	202.4	190.2		9.2%	-5.0%
Value-added/worker, Own Manufacturing (millions \$)	0.09	0.12	0.12	0.13	0.12	0.11	0.12	0.18	0.18		87.2%	35.9%
Value-added as % of Shipments, Own Manufacturing	19.6	24.5	26.8	30.7	27.0	24.6	20.5	24.5	22.0		24.9%	-20.3%
Domestic Market (millions \$)	824.7	810.7	724.4	591.6	592.5	651.2	745.4	870.6	988.2	994.3	20.6%	68.1%
Domestic Penetration	99.4%	99.3%	98.7%	98.5%	97.7%	97.7%	96.2%	96.9%	96.3%	96.1%	-3.3%	-2.4%
Investment (millions \$) <sup>d</sup>												
Value of Assets, Straight-Line End Year Net Stock Depreciation	4,004.8	4,238.2	4,377.0	4,272.1	4,181.7	4,127.6	3,983.5	4,012.5	3,939.6	3,824.4	-4.5%	-10.5%
Capital Construction	X	X	X	X	22.7	20.4	16.5	24.1	22.9	17.8		
Capital Machinery and Equipment	X	X	X	X	130.1	108.4	62.0	114.3	111.8	103.0		
Repairs & Maintenance Construction	X	X	X	X	7.6	12.5	6.3	4.5	2.8	0.0		
Repairs & Maintenance Machinery and Equipment	X	X	X	X	70.1	80.0	38.1	67.2	46.2	0.0		
<b>TRADE STATISTICS<sup>a</sup></b>											<b>97/88</b>	<b>97/91</b>
<b>Global</b>												
Exports (millions \$)	71.0	73.3	75.8	70.9	76.8	79.4	121.3	115.2	112.2	103.2	45.4%	45.5%
Exports (millions of 1992\$) <sup>c</sup>	75.4	74.8	78.6	75.4	76.8	75.7	109.3	99.5	91.2	85.2	13.0%	13.1%
Exports as % of Shipments, Own Manufacturing	8.0%	8.4%	9.6%	10.9%	11.7%	11.1%	14.5%	12.0%	10.5%	9.7%	22.3%	-10.2%
Imports (millions \$)	5.0	5.7	9.1	9.1	13.6	15.0	28.7	27.4	36.1	38.8	670.1%	328.1%
Imports (millions of 1992\$) <sup>c</sup>	5.4	5.8	9.5	9.6	13.6	14.9	25.8	23.6	29.3	32.0	498.4%	232.7%
Imports as % of Domestic Market	0.6%	0.7%	1.3%	1.5%	2.3%	2.3%	3.8%	3.1%	3.7%	3.9%	538.8%	154.7%
Balance of Trade (millions \$)	65.9	67.7	66.7	61.9	63.2	64.4	92.6	87.9	76.1	64.4	-2.3%	4.1%
Balance of Trade (millions of 1992\$) <sup>c</sup>	70.1	69.0	69.1	65.7	63.2	60.7	83.4	75.9	61.8	53.2	-24.1%	-19.1%
<b>With the US</b>												
Exports (millions \$)	16.8	11.4	15.4	15.9	28.6	45.3	80.9	79.5	86.1	74.6	343.5%	369.9%
Imports (millions \$)	4.9	5.3	8.9	7.8	13.3	14.7	28.1	26.2	35.1	32.0	549.5%	312.1%
Balance of Trade (millions \$)	11.9	6.1	6.5	8.1	15.3	30.5	52.8	53.3	51.1	42.6	258.2%	425.3%

<sup>a</sup> Statistics Canada (CANSIM) and/or Annual Survey of Manufactures.

<sup>b</sup> Annual Survey of Manufactures.

<sup>c</sup> Calculated using Real \$ and corresponding sector's IPPI.

<sup>d</sup> Data at SIC 105 level.

X denotes confidentiality

\* Most recent data used when available

# The Canadian Prepared Flour Mixes and Cereal Industry

SIC 1052 Prepared Flour and Cereal Mixes, 1988-97

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	96/88*	96/91*
<b>PRINCIPAL STATISTICS<sup>a</sup></b>												
Establishments	20	23	23	21	23	23	25	26	28		40.0%	33.3%
Employment Total (number of employees) <sup>b</sup>	3,026	3,239	2,776	2,911	3,292	3,102	3,255	3,246	3,170		4.8%	8.9%
Production <sup>b</sup>	1,862	1,886	1,650	1,572	1,907	1,928	2,022	1,974	1,999		7.4%	3.7%
Administration <sup>b</sup>	1,164	1,353	1,126	1,339	1,385	1,174	1,233	1,272	1,171		0.6%	-12.5%
GDP (millions of 1992\$) <sup>d</sup>	1,360.4	1,282.1	1,182.6	1,116.3	1,142.1	1,162.8	1,223.0	1,245.0	1,301.0	1,281.0	-5.8%	14.8%
Total Shipments (millions \$)	762.7	846.2	864.8	928.9	1,020.2	1,047.1	1,122.8	1,140.2	1,221.8		60.2%	31.5%
Total Shipments (millions of 1992\$) <sup>c</sup>	810.5	862.6	896.2	987.1	1,020.2	998.2	1,011.5	984.6	993.3		22.6%	0.6%
Shipments, Own Manufacturing (millions \$)	598.0	648.5	636.4	661.5	786.1	787.6	867.6	851.3	923.6	880.6	47.3%	33.1%
Shipments, Own Manufacturing (millions of 1992\$) <sup>c</sup>	635.5	661.1	659.5	703.0	786.1	750.8	781.6	735.1	750.9	727.2	14.4%	3.4%
Value-added, Own Manufacturing (millions \$)	374.6	386.8	392.6	400.4	513.0	489.4	538.7	536.7	562.4		50.1%	40.5%
Value-added, Own Manufacturing (millions of 1992\$) <sup>c</sup>	398.1	394.3	406.8	425.5	513.0	466.6	485.4	463.5	457.2		14.9%	7.5%
Value-added/worker, Own Manufacturing (millions \$)	0.20	0.21	0.24	0.25	0.27	0.25	0.27	0.27	0.28		39.8%	10.5%
Value-added as % of Shipments, Own Manufacturing	62.6	59.6	61.7	60.5	65.3	62.1	62.1	63.0	60.9		-2.8%	0.6%
Domestic Market (millions \$)	623.5	681.3	661.0	677.1	802.2	819.1	882.8	852.0	909.6	878.8	40.9%	29.8%
Domestic Penetration	92.9%	91.5%	90.3%	88.8%	88.5%	87.7%	89.7%	89.1%	87.7%	84.5%	-9.0%	-4.9%
Investment (millions \$) <sup>d</sup>												
Value of Assets, Straight-Line End Year Net Stock Depreciation	4,004.8	4,238.2	4,377.0	4,272.1	4,181.7	4,127.6	3,983.5	4,012.5	3,939.6	3,824.4	-4.5%	-10.5%
Capital Construction	X	X	X	X	22.7	20.4	16.5	24.1	22.9	17.8		
Capital Machinery and Equipment	X	X	X	X	130.1	108.4	62.0	114.3	111.8	103.0		
Repairs & Maintenance Construction	X	X	X	X	7.6	12.5	6.3	4.5	2.8	0.0		
Repairs & Maintenance Machinery and Equipment	X	X	X	X	70.1	80.0	38.1	67.2	46.2	0.0		
<b>TRADE STATISTICS<sup>a</sup></b>											<b>97/88</b>	<b>97/91</b>
<b>Global</b>												
Exports (millions \$)	18.9	25.3	39.6	60.2	76.6	69.2	76.1	91.9	125.7	138.2	629.9%	129.4%
Exports (millions of 1992\$) <sup>c</sup>	20.1	25.8	41.0	64.0	76.6	66.0	68.6	79.4	102.2	114.1	467.1%	78.2%
Exports as % of Shipments, Own Manufacturing	3.2%	3.9%	6.2%	9.1%	9.7%	8.8%	8.8%	10.8%	13.6%	15.7%	395.6%	72.3%
Imports (millions \$)	44.4	58.1	64.2	75.8	92.6	100.8	91.3	92.6	111.7	136.4	207.0%	79.9%
Imports (millions of 1992\$ millions) <sup>c</sup>	47.2	59.2	66.5	80.6	92.6	96.1	82.3	79.9	90.8	112.6	138.5%	39.8%
Imports as % of Domestic Market	7.1%	8.5%	9.7%	11.2%	11.5%	12.3%	10.3%	10.9%	12.3%	15.5%	117.8%	38.6%
Balance of Trade (millions \$)	-25.5	-32.8	-24.6	-15.6	-16.1	-31.5	-15.2	-0.7	14.0	1.8	-107.0%	-111.4%
Balance of Trade (millions of 1992\$) <sup>c</sup>	-27.1	-33.4	-25.5	-16.5	-16.1	-30.1	-13.7	-0.6	11.4	1.5	-105.4%	-108.9%
<b>With the US</b>												
Exports (millions \$)	13.3	20.2	34.9	56.3	71.1	64.9	88.5	90.0	109.2	133.0	898.8%	136.1%
Imports (millions \$)	42.1	55.5	60.8	72.9	89.8	97.9	127.6	124.9	133.7	159.7	279.5%	119.1%
Balance of Trade (millions \$)	-28.8	-35.3	-25.9	-16.5	-18.7	-32.9	-39.1	-34.9	-24.5	-26.6	-7.3%	61.2%

<sup>a</sup> Statistics Canada (CANSIM) and/or Annual Survey of Manufactures.

<sup>b</sup> Annual Survey of Manufactures.

<sup>c</sup> Calculated using Real \$ and corresponding sector's IPPI.

<sup>d</sup> Data at SIC 105 level.

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***The Canadian Flour, Prepared Cereal Food Industry***  
**SIC 1051 Cereal Grain Flour and, SIC 1052 Prepared Flour Mixes and Cereal, 1988-97**

<b>PRINCIPAL STATISTICS<sup>a</sup></b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>96/88*</b>	<b>96/91*</b>
Establishments	63	72	69	58	59	60	60	65	68		7.9%	17.2%
Employment Total (number of employees) <sup>b</sup>	5,987	6,117	5,622	5,445	5,617	5,448	5,299	5,296	5,154		-13.9%	-5.3%
Production <sup>b</sup>	3,704	3,732	3,436	3,110	3,401	3,500	3,416	3,297	3,307		-10.7%	-5.5%
Administration <sup>b</sup>	2,283	2,385	2,186	2,335	2,216	1,948	1,883	1,999	1,847		-19.1%	-20.9%
GDP (millions of 1992\$) <sup>d</sup>	1,360.4	1,282.1	1,182.6	1,116.3	1,142.1	1,162.8	1,223.0	1,245.0	1,301.0	1,281.0	-5.8%	14.8%
Total Shipments (millions \$)	1,761.5	1,816.6	1,747.2	1,752.3	1,712.9	1,817.6	2,011.8	2,148.2	2,401.2		36.3%	37.0%
Total Shipments (millions of 1992\$) <sup>c</sup>	1,871.9	1,851.8	1,810.6	1,862.2	1,712.9	1,732.7	1,812.4	1,855.1	1,952.2		4.3%	4.8%
Shipments, Own Manufacturing (millions \$)	1,488.7	1,526.8	1,427.5	1,314.9	1,441.9	1,503.2	1,705.6	1,809.8	1,987.9	1,939.3	30.3%	47.5%
Shipments, Own Manufacturing (millions of 1992\$) <sup>c</sup>	1,582.0	1,556.4	1,479.3	1,397.4	1,441.9	1,433.0	1,536.6	1,562.9	1,616.2	1,601.4	2.2%	15.7%
Value-added, Own Manufacturing (millions \$)	549.0	601.9	604.4	600.9	690.0	665.7	710.2	771.1	796.3		45.1%	32.5%
Value-added, Own Manufacturing (millions of 1992\$) <sup>c</sup>	583.4	613.5	626.3	638.6	690.0	634.6	639.8	665.9	647.4		11.0%	1.4%
Value-added/worker, Own Manufacturing (millions \$)	0.15	0.16	0.18	0.19	0.20	0.19	0.21	0.23	0.24		62.5%	24.6%
Value-added as % of Shipments, Own Manufacturing	36.9	39.4	42.3	45.7	47.9	44.3	41.6	42.6	40.1		8.6%	-12.3%
Domestic Market (millions \$)	1,448.3	1,491.9	1,385.4	1,268.6	1,394.7	1,470.3	1,628.2	1,722.6	1,897.8	1,873.1	29.3%	47.6%
Domestic Penetration	96.6%	95.7%	94.7%	93.3%	92.4%	92.1%	92.6%	93.0%	92.2%	90.6%	-6.1%	-2.9%
Investment (millions \$) <sup>d</sup>												
Value of Assets,	4,004.8	4,238.2	4,377.0	4,272.1	4,181.7	4,127.6	3,983.5	4,012.5	3,939.6	3,824.4	-4.5%	-10.5%
Capital Construction	X	X	X	X	22.7	20.4	16.5	24.1	22.9	17.8		
Capital Machinery and Equipment	X	X	X	X	130.1	108.4	62.0	114.3	111.8	103.0		
Repairs & Maintenance Construction	X	X	X	X	7.6	12.5	6.3	4.5	2.8	0.0		
Repairs & Maintenance Machinery and Equipment	X	X	X	X	70.1	80.0	38.1	67.2	46.2	0.0		
<b>TRADE STATISTICS<sup>a</sup></b>											<b>97/88</b>	<b>97/91</b>
<b>Global</b>												
Exports (millions \$)	89.9	98.7	115.5	131.2	153.4	148.6	197.4	207.1	237.9	241.4	168.5%	84.0%
Exports (millions of 1992\$) <sup>c</sup>	95.5	100.6	119.6	139.4	153.4	141.7	177.9	178.9	193.4	199.3	108.6%	43.0%
Exports as % of Shipments, Own Manufacturing	6.0%	6.5%	8.1%	10.0%	10.6%	9.9%	11.6%	11.4%	12.0%	12.4%	106.1%	24.8%
Imports (millions \$)	49.5	63.8	73.3	84.9	106.2	115.8	120.0	119.9	147.8	175.2	254.1%	106.4%
Imports (millions of 1992\$) <sup>c</sup>	52.6	65.0	76.0	90.2	106.2	110.4	108.1	103.6	120.2	144.7	175.1%	60.4%
Imports as % of Domestic Market	3.4%	4.3%	5.3%	6.7%	7.6%	7.9%	7.4%	7.0%	7.8%	9.4%	173.8%	39.8%
Balance of Trade (millions \$)	40.4	34.9	42.1	46.3	47.1	32.8	77.4	87.2	90.1	66.2	63.7%	43.0%
Balance of Trade (millions of 1992\$) <sup>c</sup>	43.0	35.6	43.6	49.2	47.1	31.3	69.7	75.3	73.2	54.7	27.2%	11.1%
<b>With the US</b>												
Exports (millions \$)	30.1	31.7	50.3	72.2	99.7	110.2	169.4	169.4	195.4	207.6	588.9%	187.5%
Imports (millions \$)	47.0	60.9	69.7	80.6	103.1	112.6	155.7	151.0	168.8	191.6	307.8%	137.7%
Balance of Trade (millions \$)	-16.9	-29.2	-19.4	-8.4	-3.3	-2.4	13.7	18.4	26.6	16.0	-194.7%	-289.6%