

APPENDIX:
THE NAFTA RENEGOTIATION: WHAT IF THE US WALKS AWAY?

Table A1: Decomposition of Impacts by Policy, Cumulated Change in 2035

	Tariffs	Services NTBs	FDI NTBs	Total	Tariffs	Services NTBs	FDI NTBs	Total
	<i>Real GDP (% Change)</i>				<i>Welfare (USD millions at 2011 prices)</i>			
<i>NAFTA Lapses</i>								
Canada	-0.411	-0.119	-0.002	-0.532	-11,275	-3,228	-36	-14,540
United States	-0.076	-0.013	-0.001	-0.09	-17,154	-2,605	-134	-19,893
Mexico	-1.145	-0.017	-0.014	-1.176	-24,362	-357	-202	-24,921
<i>CUSFTA Holds</i>								
Canada	0.028	0	0	0.028	1,435	2	-2	1,436
United States	-0.042	-0.001	0	-0.043	-8,947	-239	-15	-9,201
Mexico	-1.198	-0.018	-0.014	-1.23	-25,952	-363	-199	-26,515
<i>CMFTA</i>								
Canada	0.08	0	0	0.081	3,225	14	-2	3,237
United States	-0.046	-0.001	0	-0.047	-10,571	-244	-15	-10,830
Mexico	-1.126	-0.017	-0.013	-1.155	-24,334	-349	-185	-24,869

Source: Calculations by the authors.

Table A2 Macroeconomic Summary for Canada

	NAFTA Lapses	CUSFTA Holds	CMFTA
<i>Major aggregates</i>	<i>% change</i>	<i>% change</i>	<i>% change</i>
Economic Welfare (in \$mn)	-14,540	1,436	3,237
GDP value (in \$mn)	-23,360	3,116	6,475
GDP volume	-0.532	0.028	0.081
GDP deflator	-0.438	0.101	0.188
CPI	-0.288	0.071	0.135
<i>National Accounts Aggregates</i>			
Consumption	-0.731	0.064	0.148
Government Expenditure	-0.436	0.055	0.108
Investment	-0.861	0.072	0.189
Total Exports of Goods & Services)	-2.331	0.005	0.219
Total Imports of Goods & Services)	-3.034	0.138	0.483
Trade balance (in \$mn)	1,960	-158	-425
Terms of Trade	-0.31	0.106	0.185
<i>Factor Markets</i>			
Capital Stock	-0.248	0.02	0.053
Real wage of Unskilled labour	-0.447	0.02	0.075
Real wage of skilled labour	-0.435	0.021	0.066
<i>Check Ratios</i>			
Ratio of real GDP to total trade	0.2	0.39	0.23
Ratio: Labour Productivity (real GDP/worker) to real wages	1.21	1.38	1.15

Source: Calculations by the study team.

Table A3: Macroeconomic Summary for the United States

	NAFTA Lapses	CUSFTA Holds	CMFTA
<i>Major aggregates</i>	<i>% change</i>	<i>% change</i>	<i>% change</i>
Economic Welfare (in \$mn)	-19,894	-9,202	-10,831
GDP value (in \$mn)	-46,853	-23,493	-27,066
GDP volume	-0.09	-0.043	-0.047
GDP deflator	-0.153	-0.078	-0.093
CPI	-0.142	-0.077	-0.087
<i>National Accounts Aggregates</i>			
Consumption	-0.118	-0.054	-0.063
Government Expenditure	-0.062	-0.025	-0.032
Investment	-0.188	-0.103	-0.114
Total Exports of Goods & Services)	-1.33	-0.76	-0.787
Total Imports of Goods & Services)	-1.16	-0.642	-0.693
Trade balance (in \$mn)	6,126	3,297	3,686
Terms of Trade	-0.064	-0.024	-0.047
<i>Factor Markets</i>			
Capital Stock	-0.043	-0.023	-0.026
Real wage of Unskilled labour	-0.085	-0.045	-0.049
Real wage of skilled labour	-0.07	-0.035	-0.038
<i>Check Ratios</i>			
Ratio of real GDP to total trade	0.07	0.06	0.06
Ratio: Labour Productivity (real GDP/worker) to real wages	1.16	1.08	1.09

Source: Calculations by the study team.

Table A4: Macroeconomic Summary for Mexico

	NAFTA Lapses	CUSFTA Holds	CMFTA
<i>Major aggregates</i>	<i>% change</i>	<i>% change</i>	<i>% change</i>
Economic Welfare (in \$mn)	-24,921	-26,515	-24,869
GDP value (in \$mn)	-42,351	-45,513	-42,623
GDP volume	-1.176	-1.23	-1.155
GDP deflator	-1.325	-1.458	-1.362
CPI	-0.948	-1.051	-0.986
<i>National Accounts Aggregates</i>			
Consumption	-1.49	-1.575	-1.475
Government Expenditure	-0.87	-0.936	-0.881
Investment	-3.283	-3.486	-3.253
Total Exports of Goods & Services)	-3.428	-3.462	-3.237
Total Imports of Goods & Services)	-6.102	-6.328	-5.9
Trade balance (in \$mn)	5,369	5,674	5,263
Terms of Trade	-0.961	-1.076	-0.996
<i>Factor Markets</i>			
Capital Stock	-0.869	-0.926	-0.866
Real wage of Unskilled labour	-1.035	-1.07	-0.998
Real wage of skilled labour	-0.951	-0.99	-0.924
<i>Check Ratios</i>			
Ratio of real GDP to total trade	0.25	0.25	0.25
Ratio: Labour Productivity (real GDP/worker) to real wages	1.18	1.19	1.2

Source: Calculations by the study team.

Table A5: Scope of Possible Job Impacts

	Canada			United States			Mexico		
	<i>NAFTA lapses</i>	<i>CUSFTA holds</i>	<i>CMFTA</i>	<i>NAFTA lapses</i>	<i>CUSFTA holds</i>	<i>CMFTA</i>	<i>NAFTA lapses</i>	<i>CUSFTA holds</i>	<i>CMFTA</i>
Jobs 2023	19,541,572			159,540,000			52,913,000		
Jobs (1)	-25,848	1,195	4,111	-36,943	-19,174	-20,817	-157,624	-163,543	-152,596
Jobs (2)	-51,969	2,758	7,895	-71,630	-34,433	-37,776	-311,145	-325,307	-305,674

Source: Calculations by the study team.

Table A6: Canadian Sectoral Impacts from Export Declines

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Chemicals, Rubber, Plastics	-5,396	-4,047	-4,706	-3,147	783	-3,923
Automotive	-5,188	-7,296	-5,208	-4,945	1,900	-3,307
Fossil Fuels	-2,517	-1,813	-1,877	-1,578	-142	-2,019
Business Services	-2,474	-62	-1,837	-550	-4,760	-6,598
Metal Products	-2,100	-999	-1,158	-1,193	-395	-1,553
Machinery and Equipment	-1,382	-1,497	-907	-1,557	250	-657
Food Products	-1,030	-948	-975	-731	13	-961
Textiles and Apparel	-983	-1,409	-953	-851	249	-704

Source: Calculations by the study team.

Table A7: Canadian Sectoral Impacts from Domestic Income Effects

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Other Services	52	-777	142	-543	-9,024	-8,882
Trade	29	-36	124	-148	-5,608	-5,484
Construction	-3	0	9	-14	-5,083	-5,073
Financial Services	93	-446	212	-426	-1,820	-1,608
Communications	-89	-11	-27	-69	-1,005	-1,032

Source: Calculations by the study team.

Table A8: Canadian Agricultural Sector Impacts

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Beef	-523	-532	-487	-389	101	-385
Oilseeds and Vegetable Oils	-395	-224	-185	-180	103	-82
Other Agriculture	-270	-330	-209	-114	-79	-288
Wheat and Cereals	-252	-9	-61	-11	-84	-144
Fruit and Vegetables	-148	-226	-99	-121	72	-27
Pork and Poultry	-73	-18	36	-34	-49	-14
Dairy	14	9	30	-7	-265	-235

Source: Calculations by the study team.

Table A9: US Sectoral Impacts from Reduced NAFTA Imports

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Automotive	-13,210	-20,397	-12,814	-11,882	7,074	-5,740
Chemicals, Rubber, Plastics	-9,149	-7,402	-6,158	-5,299	915	-5,243
Machinery and Equipment	-6,509	-5,257	-2,456	-5,496	1,246	-1,210
Textiles and Apparel	-3,548	-4,506	-3,334	-2,907	740	-2,594
Fossil Fuels	-2,755	-3,909	-1,635	-3,036	-331	-1,966
Metal Products	-2,986	-3,352	-1,898	-2,752	28	-1,869
Food Products	-2,836	-2,387	-2,625	-1,579	-295	-2,919

Source: Calculations by the study team.

Table A10: US Sectoral Impacts from Domestic Income Effects

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Other Services	-922	94	-99	-202	-22,520	-22,619
Trade	-77	68	126	-150	-11,478	-11,352
Construction	0	-6	91	-30	-7,914	-7,823
Financial Services	-602	156	-8	-448	-7,493	-7,501
Business Services	-98	-2,697	950	-1,405	-5,036	-4,086
Recreation	-542	90	-232	-46	-4,395	-4,627
Transportation Services	-168	276	323	-366	-2,976	-2,652
Wood Products	-1,429	-261	-953	-897	-2,365	-3,318

Source: Calculations by the study team.

Table A11: US Agricultural Sector Impacts

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Pork and Poultry	-2,314	-132	-2,028	-121	-396	-2,425
Beef	-1,134	-870	-1,010	-560	-257	-1,266
Dairy	-1,047	-119	-906	-112	-932	-1,838
Oilseeds and Vegetable Oils	-724	-745	-301	-431	231	-70
Wheat and Cereals	-668	-33	-176	-41	-651	-828
Beverages and Tobacco	-619	-72	-574	-142	-496	-1,070
Other Agriculture	-494	-366	35	-304	-1,419	-1,384
Fruit and Vegetables	-417	-1,155	-335	-742	427	92
Sugar	-170	-15	-167	-66	-157	-324

Source: Calculations by the study team.

Table A12: Mexican Sectoral Impacts from Export Declines

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Automotive	-15,858	-8,132	-13,675	-6,103	747	-12,929
Machinery and Equipment	-3,722	-5,276	-2,489	-3,767	570	-1,918
Textiles and Apparel	-3,483	-2,607	-3,333	-1,890	357	-2,975
Chemicals, Rubber, Plastics	-1,725	-6,020	-1,134	-3,886	1,776	642
Food Products	-1,257	-2,319	-1,230	-1,525	622	-608
Fossil Fuels	-1,232	-1,085	-557	-1,262	-319	-876
Metal Products	-1,106	-2,116	-113	-2,028	-188	-301

Source: Calculations by the study team.

Table A13: Mexican Sectoral Impacts from Domestic Income Effects

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Other Services	41	-145	87	-223	-12,323	-12,236
Construction	-3	0	90	-9	-10,562	-10,471
Trade	40	-40	92	-126	-10,318	-10,225
Business Services	-226	-39	-120	-93	-5,165	-5,285
Transportation Services	237	-71	501	-262	-4,393	-3,893
Recreation	79	-59	203	-104	-3,996	-3,793
Mineral Products	-226	-330	-42	-410	-1,732	-1,773
Financial Services	57	-161	309	-201	-1,719	-1,411
Communications	-15	-57	17	-37	-1,508	-1,491

Source: Calculations by the study team.

Table A14: Mexican Agricultural Sector Impacts

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Sales	Total Sales
Pork and Poultry	-22	-2,383	-60	-1,546	1,746	1,686
Wheat and Cereals	-3	-964	-42	-616	818	776
Other Agriculture	-131	-270	-165	-171	889	724
Dairy	-106	-1,106	-103	-756	475	372
Sugar	-7	-170	-6	-116	50	44
Beef	-296	-671	-374	-415	384	10
Oilseeds and Vegetable Oils	-53	-371	-64	-157	70	6
Fruit and Vegetables	-728	-346	-706	-129	44	-662

Source: Calculations by the study team.

Table A15: Canadian Sectoral Impacts: NAFTA Lapses

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Rice	-2	1	-2	0	1	-1	-31.1	0.45	-0.27	0.001
Wheat and Cereals	-252	-9	-61	-11	-84	-144	-11.97	-1.66	-0.89	0.337
Fruit and Vegetables	-148	-226	-99	-121	72	-27	-8.91	-3.49	-0.37	0.179
Oilseeds and Vegetable Oils	-395	-224	-185	-180	103	-82	-5.8	-12.19	-0.28	0.499
Sugar	0	-11	-1	-9	-13	-13	-0.06	-16.44	-0.48	0.039
Other Agriculture	-270	-330	-209	-114	-79	-288	-10.46	-30.74	-1.5	0.314
Dairy	14	9	30	-7	-265	-235	7.91	3.03	-0.78	0.367
Forestry	-1	-3	17	-4	-20	-2	-0.4	-0.72	-0.01	0.467
Fishing	-7	-24	0	-25	-42	-42	-0.55	-3.11	-0.83	0.127
Fossil Fuels	-2,517	-1,813	-1,877	-1,578	-142	-2,019	-2.89	-7.94	-0.78	5.411
Mineral Products	-79	-225	90	-289	-370	-280	-1.67	-2.52	-0.38	1.494
Beef	-523	-532	-487	-389	101	-385	-31.53	-44.52	-1.47	0.324
Pork and Poultry	-73	-18	36	-34	-49	-14	-4.87	-0.91	-0.09	0.184
Food Products	-1,030	-948	-975	-731	13	-961	-8.85	-8.33	-1.52	0.908
Beverages and Tobacco	-36	-352	-33	-249	-97	-130	-2.57	-11.4	-0.54	0.503
Textiles and Apparel	-983	-1,409	-953	-851	249	-704	-40.75	-41.17	-3.28	0.416
Leather Products	-70	-91	-67	-68	11	-56	-57.95	-44.9	-3.77	0.028
Wood Products	-337	-876	35	-785	-172	-137	-1.38	-5.16	-0.09	2.548
Chemicals, Rubber, Plastics	-5,396	-4,047	-4,706	-3,147	783	-3,923	-11.27	-8.59	-2.42	2.285
Metal Products	-2,100	-999	-1,158	-1,193	-395	-1,553	-5.68	-3.68	-0.9	2.326
Automotive	-5,188	-7,296	-5,208	-4,945	1,900	-3,307	-7.45	-10.61	-2.45	1.461
Transport Equipment	-127	-639	-22	-306	158	136	-1.15	-7.44	0.44	0.593
Electronic Equipment	5	-277	103	-384	52	155	0.11	-2.67	0.58	0.425
Machinery and Equipment	-1,382	-1,497	-907	-1,557	250	-657	-5.2	-2.56	-0.72	1.682
Other Manufacturing	-41	-353	72	-321	-646	-573	-0.64	-14.51	-0.63	2.302
Other Services	52	-777	142	-543	-9,024	-8,882	1.62	-9.11	-0.97	28.265
Construction	-3	0	9	-14	-5,083	-5,073	-37.74	-0.71	-1.33	7.941
Trade	29	-36	124	-148	-5,608	-5,484	1.35	-1.24	-1.11	13.805
Transportation Services	39	-96	236	-302	-953	-717	0.9	-1.74	-0.54	2.563
Communications	-89	-11	-27	-69	-1,005	-1,032	-7.56	-0.98	-1.03	2.79
Financial Services	93	-446	212	-426	-1,820	-1,608	1.18	-4.96	-0.69	5.815
Business Services	-2,474	-62	-1,837	-550	-4,760	-6,598	-27.83	-1.38	-1.5	11.665

Source: Calculations by the study team.

Table A16: Canadian Sectoral Impacts: NAFTA Lapses but CUSFTA Holds

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Rice	0	1	0	0	0	0	-0.32	0.31	0.03	0.001
Wheat and Cereals	-235	-1	-156	-2	-28	-184	-11.16	-0.14	-1.14	0.337
Fruit and Vegetables	29	-28	27	-16	9	36	1.77	-0.43	0.49	0.179
Oilseeds and Vegetable Oils	170	16	118	15	22	140	2.5	0.87	0.48	0.499
Sugar	2	2	2	1	2	4	0.55	2.26	0.13	0.039
Other Agriculture	-57	9	-49	-2	2	-47	-2.2	0.8	-0.25	0.314
Dairy	8	16	9	11	5	13	4.65	5.27	0.04	0.367
Forestry	-1	0	3	0	-19	-15	-0.51	0.02	-0.08	0.467
Fishing	-5	1	-4	1	1	-2	-0.39	0.12	-0.05	0.127
Fossil Fuels	-6	60	-14	11	-71	-84	-0.01	0.26	-0.03	5.411
Mineral Products	-8	15	1	12	14	15	-0.16	0.17	0.02	1.494
Beef	28	13	30	9	21	52	1.71	1.07	0.2	0.324
Pork and Poultry	20	18	26	13	-11	15	1.36	0.9	0.09	0.184
Food Products	44	6	45	10	40	85	0.38	0.06	0.13	0.908
Beverages and Tobacco	-8	6	-8	7	21	13	-0.58	0.19	0.05	0.503
Textiles and Apparel	-19	-133	-20	-21	50	30	-0.8	-3.88	0.14	0.416
Leather Products	-1	-9	-1	2	2	1	-0.74	-4.45	0.08	0.028
Wood Products	-149	39	-142	20	-10	-152	-0.61	0.23	-0.1	2.548
Chemicals, Rubber, Plastics	-217	113	-196	27	-49	-245	-0.45	0.24	-0.15	2.285
Metal Products	-70	183	-60	85	12	-47	-0.19	0.67	-0.03	2.326
Automotive	1,232	-212	1,189	81	368	1,557	1.77	-0.31	1.15	1.461
Transport Equipment	-92	-10	-80	-14	5	-75	-0.83	-0.11	-0.24	0.593
Electronic Equipment	-25	-88	-33	-16	23	-10	-0.51	-0.85	-0.04	0.425
Machinery and Equipment	-93	261	-85	76	-57	-143	-0.35	0.45	-0.16	1.682
Other Manufacturing	-42	6	-42	9	44	2	-0.66	0.23	0	2.302
Other Services	-12	31	-19	28	1,202	1,183	-0.37	0.37	0.13	28.265
Construction	0	0	0	1	489	489	-0.36	0.95	0.13	7.941
Trade	-10	14	-12	17	613	601	-0.46	0.49	0.12	13.805
Transportation Services	-19	20	-26	25	73	47	-0.43	0.36	0.04	2.563
Communications	-4	6	-7	7	99	92	-0.32	0.56	0.09	2.79
Financial Services	-39	36	-51	37	211	160	-0.5	0.4	0.07	5.815
Business Services	-23	25	-43	57	468	425	-0.26	0.56	0.1	11.665
Recreation Services	-15	19	-23	19	78	54	-0.83	0.33	0.07	1.939

Source: Calculations by the study team.

Table A17: Canadian Sectoral Impacts: NAFTA Lapses but CUSFTA Holds and CMFTA Adopted

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Wheat and Cereals	0	1	0	0	0	0	0.14	0.33	0.02	0.001
Fruit and Vegetables	190	8	57	7	26	83	9	1.34	0.51	0.337
Oilseeds and Vegetable Oils	75	16	54	6	-8	47	4.53	0.25	0.64	0.179
Sugar	177	20	79	20	18	98	2.6	1.1	0.34	0.499
Other Agriculture	1	1	1	3	5	6	0.32	1.73	0.21	0.039
Dairy	-28	18	-52	19	211	160	-1.09	1.7	0.83	0.314
Forestry	6	7	3	7	62	65	3.7	2.27	0.21	0.367
Fishing	0	0	3	0	-22	-19	0.16	0.05	-0.1	0.467
Fossil Fuels	-5	3	-4	3	8	3	-0.38	0.33	0.07	0.127
Mineral Products	-51	69	-66	29	-28	-95	-0.06	0.3	-0.04	5.411
Beef	-10	34	-16	34	42	26	-0.2	0.38	0.04	1.494
Pork and Poultry	411	36	391	42	179	570	24.78	3.05	2.18	0.324
Food Products	293	51	250	50	69	319	19.59	2.49	1.99	0.184
Beverages and Tobacco	141	67	130	71	105	235	1.21	0.59	0.37	0.908
Textiles and Apparel	-3	12	-3	17	50	46	-0.22	0.39	0.19	0.503
Leather Products	19	62	16	71	10	26	0.77	1.82	0.12	0.416
Wood Products	0	2	0	9	1	0	-0.09	0.93	0.01	0.028
Chemicals, Rubber, Plastics	-163	119	-206	99	28	-178	-0.66	0.7	-0.12	2.548
Metal Products	-11	272	-60	209	-24	-84	-0.02	0.58	-0.05	2.285
Automotive	-77	254	-168	183	66	-103	-0.21	0.93	-0.06	2.326
Transport Equipment	2,467	865	2,417	875	151	2,568	3.54	1.26	1.9	1.461
Electronic Equipment	-66	52	-76	19	-11	-87	-0.59	0.6	-0.28	0.593
Machinery and Equipment	-15	200	-28	84	-44	-71	-0.3	1.92	-0.26	0.425
Other Manufacturing	-19	477	-64	267	-97	-161	-0.07	0.82	-0.18	1.682
Other Services	-43	27	-56	38	118	61	-0.68	1.12	0.07	2.302
Construction	-22	53	-42	57	2,574	2,532	-0.67	0.62	0.28	28.265
Trade	0	0	-2	3	1,216	1,214	-0.63	1.21	0.32	7.941
Transportation Services	-16	22	-32	40	1,414	1,382	-0.77	0.78	0.28	13.805
Communications	-26	30	-55	60	202	147	-0.59	0.54	0.11	2.563
Financial Services	-6	9	-17	16	225	208	-0.52	0.79	0.21	2.79
Business Services	-55	59	-85	82	501	416	-0.7	0.66	0.18	5.815

Source: Calculations by the study team.

Table A18: US Sectoral Impacts: NAFTA Lapses

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Wheat and Cereals	-3	-3	28	-7	-8	20	-0.39	-27.94	0.17	0.021
Fruit and Vegetables	-668	-33	-176	-41	-651	-828	-10.44	-1.89	-0.69	0.32
Oilseeds and Vegetable Oils	-417	-1,155	-335	-742	427	92	-7.93	-7.99	0.11	0.243
Sugar	-724	-745	-301	-431	231	-70	-13.05	-12.5	-0.07	0.204
Other Agriculture	-170	-15	-167	-66	-157	-324	-65.17	-0.63	-1.46	0.033
Dairy	-494	-366	35	-304	-1,419	-1,384	-15.89	-8.4	-0.82	0.3
Forestry	-1,047	-119	-906	-112	-932	-1,838	-64.81	-33.25	-1.04	0.223
Fishing	-12	-2	20	-4	-80	-60	-2.68	-0.67	-0.2	0.079
Fossil Fuels	-24	-5	-16	-27	-52	-68	-3.62	-0.31	-0.67	0.035
Mineral Products	-2,755	-3,909	-1,635	-3,036	-331	-1,966	-4.97	-2.98	-0.15	1.652
Beef	-467	-338	-357	-421	-481	-837	-4.56	-3.31	-0.31	0.693
Pork and Poultry	-1,134	-870	-1,010	-560	-257	-1,266	-33.59	-44.44	-0.86	0.206
Food Products	-2,314	-132	-2,028	-121	-396	-2,425	-53.71	-8.29	-2.01	0.17
Beverages and Tobacco	-2,836	-2,387	-2,625	-1,579	-295	-2,919	-20.46	-12.11	-0.61	0.924
Textiles and Apparel	-619	-72	-574	-142	-496	-1,070	-15.71	-1.27	-0.56	0.352
Leather Products	-3,548	-4,506	-3,334	-2,907	740	-2,594	-45.21	-43.11	-0.77	0.586
Wood Products	-230	-407	-188	-264	69	-119	-43.43	-46.8	-0.63	0.038
Chemicals, Rubber, Plastics	-1,429	-261	-953	-897	-2,365	-3,318	-6.15	-0.7	-0.33	2.474
Metal Products	-9,149	-7,402	-6,158	-5,299	915	-5,243	-10.64	-11.7	-0.39	2.68
Automotive	-2,986	-3,352	-1,898	-2,752	28	-1,869	-7.07	-5.13	-0.2	1.836
Transport Equipment	-13,210	-20,397	-12,814	-11,882	7,074	-5,740	-15.19	-13.85	-0.75	0.97
Electronic Equipment	-735	96	496	-323	-156	340	-7.65	0.62	0.1	0.777
Machinery and Equipment	-1,391	-801	-276	-2,000	764	488	-8.77	-1.21	0.08	0.446
Other Manufacturing	-6,509	-5,257	-2,456	-5,496	1,246	-1,210	-7.03	-5.06	-0.09	3.509
Other Services	-624	-195	-245	-791	-1,165	-1,410	-17.27	-2.42	-0.22	1.422
Construction	-922	94	-99	-202	-22,520	-22,619	-7.72	2.37	-0.27	31.815
Trade	0	-6	91	-30	-7,914	-7,823	-1.17	-36.79	-0.34	6.777
Transportation Services	-77	68	126	-150	-11,478	-11,352	-2	2.34	-0.29	12.853
Communications	-168	276	323	-366	-2,976	-2,652	-2.22	2.63	-0.21	2.923
Financial Services	-69	-104	55	-103	-1,705	-1,650	-5.39	-6.97	-0.23	2.102
Business Services	-602	156	-8	-448	-7,493	-7,501	-5.58	1.69	-0.26	9.694

Source: Calculations by the study team.

Table A19: US Sectoral Impacts: NAFTA Lapses but CUSFTA Holds

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Rice	-4	-1	17	-4	-7	10	-0.53	-7.93	0.08	0.021
Wheat and Cereals	-669	-11	-238	-20	-572	-810	-10.46	-0.62	-0.68	0.32
Fruit and Vegetables	-225	-933	-176	-596	360	184	-4.27	-6.45	0.22	0.243
Oilseeds and Vegetable Oils	-490	-91	-109	-98	-58	-167	-8.83	-1.54	-0.18	0.204
Sugar	-160	-5	-157	-53	-140	-296	-61.02	-0.22	-1.33	0.033
Other Agriculture	-189	-137	209	-175	-1,295	-1,086	-6.08	-3.15	-0.64	0.3
Dairy	-1,043	-124	-933	-104	-746	-1,679	-64.58	-34.57	-0.95	0.223
Forestry	-9	-2	10	-3	-38	-28	-2.01	-0.72	-0.09	0.079
Fishing	-2	-4	1	-12	-23	-22	-0.37	-0.23	-0.21	0.035
Fossil Fuels	-1,073	-1,327	-594	-1,286	-449	-1,043	-1.94	-1.01	-0.08	1.652
Mineral Products	-275	-242	-213	-272	-228	-440	-2.68	-2.36	-0.16	0.693
Beef	-613	-292	-523	-216	-384	-907	-18.16	-14.94	-0.62	0.206
Pork and Poultry	-2,240	-30	-2,011	-47	-324	-2,336	-51.99	-1.88	-1.94	0.17
Food Products	-1,961	-1,259	-1,823	-858	-247	-2,070	-14.15	-6.39	-0.43	0.924
Beverages and Tobacco	-288	-33	-263	-76	-250	-513	-7.32	-0.58	-0.27	0.352
Textiles and Apparel	-2,363	-3,476	-2,240	-1,980	735	-1,505	-30.11	-33.26	-0.45	0.586
Leather Products	-154	-332	-128	-172	54	-74	-29.14	-38.13	-0.39	0.038
Wood Products	-606	-7	-317	-400	-1,318	-1,635	-2.61	-0.02	-0.16	2.474
Chemicals, Rubber, Plastics	-5,341	-1,842	-3,459	-2,094	-364	-3,823	-6.21	-2.91	-0.29	2.68
Metal Products	-1,935	-1,267	-1,285	-1,311	-114	-1,399	-4.58	-1.94	-0.15	1.836
Automotive	-5,883	-14,220	-5,801	-8,051	5,567	-235	-6.77	-9.65	-0.03	0.97
Transport Equipment	-110	166	555	-114	-95	460	-1.14	1.08	0.14	0.777
Electronic Equipment	-1,274	-698	-626	-1,425	368	-259	-8.04	-1.06	-0.04	0.446
Machinery and Equipment	-4,970	-3,697	-2,570	-3,613	1,031	-1,539	-5.37	-3.56	-0.11	3.509
Other Manufacturing	-286	-187	-80	-440	-586	-666	-7.9	-2.32	-0.1	1.422
Other Services	-128	34	337	-106	-11,366	-11,029	-1.07	0.86	-0.13	31.815
Construction	0	-3	51	-17	-4,310	-4,259	0.38	-18.49	-0.18	6.777
Trade	-31	35	84	-80	-5,949	-5,865	-0.82	1.2	-0.15	12.853
Transportation Services	-61	245	210	-166	-1,651	-1,441	-0.81	2.34	-0.12	2.923
Communications	-52	-19	20	-45	-916	-895	-4.11	-1.24	-0.12	2.102
Financial Services	-127	34	205	-258	-3,837	-3,632	-1.17	0.37	-0.12	9.694
Business Services	-12	-252	621	-402	-3,593	-2,972	-0.26	-2.58	-0.1	10.348
Recreation Services	-41	79	136	-14	-2,238	-2,102	-0.55	2.18	-0.12	3.297

Source: Calculations by the study team.

Table A20: US Sectoral Impacts: NAFTA Lapses but CUSFTA Holds and CMFTA Adopted

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Rice	-3	-1	18	-5	-8	10	-0.49	-7.71	0.09	0.021
Wheat and Cereals	-968	-36	-404	-39	-613	-1,017	-15.13	-2.06	-0.85	0.32
Fruit and Vegetables	-305	-962	-242	-619	354	113	-5.8	-6.65	0.14	0.243
Oilseeds and Vegetable Oils	-494	-107	-90	-105	-43	-133	-8.91	-1.8	-0.14	0.204
Sugar	-159	-8	-156	-55	-139	-295	-60.94	-0.34	-1.33	0.033
Other Agriculture	-218	-176	218	-197	-1,393	-1,175	-7.01	-4.04	-0.7	0.3
Dairy	-1,038	-125	-921	-107	-777	-1,698	-64.28	-35.05	-0.96	0.223
Forestry	-9	-2	11	-3	-38	-28	-2.04	-0.84	-0.09	0.079
Fishing	-1	-5	2	-12	-22	-20	-0.17	-0.29	-0.19	0.035
Fossil Fuels	-1,034	-1,414	-540	-1,271	-407	-947	-1.87	-1.08	-0.07	1.652
Mineral Products	-263	-254	-197	-284	-242	-439	-2.57	-2.49	-0.16	0.693
Beef	-877	-316	-777	-234	-421	-1,198	-25.97	-16.12	-0.81	0.206
Pork and Poultry	-2,279	-51	-2,031	-60	-332	-2,363	-52.91	-3.2	-1.96	0.17
Food Products	-1,979	-1,293	-1,834	-884	-301	-2,135	-14.28	-6.56	-0.45	0.924
Beverages and Tobacco	-286	-37	-260	-81	-277	-536	-7.25	-0.66	-0.28	0.352
Textiles and Apparel	-2,375	-3,520	-2,247	-2,044	718	-1,529	-30.26	-33.68	-0.46	0.586
Leather Products	-154	-328	-127	-181	54	-73	-29.23	-37.72	-0.39	0.038
Wood Products	-600	-108	-291	-472	-1,358	-1,648	-2.58	-0.29	-0.16	2.474
Chemicals, Rubber, Plastics	-5,378	-2,020	-3,410	-2,214	-375	-3,785	-6.26	-3.19	-0.28	2.68
Metal Products	-1,894	-1,433	-1,199	-1,409	-139	-1,338	-4.49	-2.19	-0.14	1.836
Automotive	-7,093	-14,585	-6,976	-8,297	5,515	-1,461	-8.16	-9.9	-0.19	0.97
Transport Equipment	-140	109	568	-148	-83	485	-1.46	0.7	0.15	0.777
Electronic Equipment	-1,325	-958	-642	-1,542	470	-172	-8.35	-1.45	-0.03	0.446
Machinery and Equipment	-4,955	-4,039	-2,427	-3,841	1,083	-1,344	-5.35	-3.89	-0.1	3.509
Other Manufacturing	-281	-220	-63	-482	-641	-704	-7.79	-2.73	-0.11	1.422
Other Services	-96	21	402	-120	-13,033	-12,631	-0.81	0.53	-0.15	31.815
Construction	0	-3	54	-18	-4,786	-4,732	0.67	-18.75	-0.2	6.777
Trade	-20	25	104	-94	-6,749	-6,646	-0.52	0.86	-0.17	12.853
Transportation Services	-46	220	245	-189	-1,766	-1,522	-0.61	2.1	-0.12	2.923
Communications	-50	-23	29	-50	-1,036	-1,007	-3.89	-1.52	-0.14	2.102
Financial Services	-102	7	260	-296	-4,327	-4,068	-0.95	0.08	-0.14	9.694
Business Services	1	-279	681	-443	-4,012	-3,331	0.02	-2.86	-0.12	10.348
Recreation Services	-27	69	165	-22	-2,541	-2,376	-0.36	1.89	-0.14	3.297

Source: Calculations by the study team.

Table A21: Mexican Sectoral Impacts: NAFTA Lapses

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Rice	-1	-4	-1	-4	-5	-5	-21.94	-0.79	-0.07	0.028
Wheat and Cereals	-3	-964	-42	-616	818	776	-12.98	-13.76	0.99	0.425
Fruit and Vegetables	-728	-346	-706	-129	44	-662	-7.84	-21.42	-0.87	1.059
Oilseeds and Vegetable Oils	-53	-371	-64	-157	70	6	-31.09	-5.87	0.01	0.029
Sugar	-7	-170	-6	-116	50	44	-0.38	-68.17	0.18	0.374
Other Agriculture	-131	-270	-165	-171	889	724	-8.34	-11.26	0.51	0.95
Dairy	-106	-1,106	-103	-756	475	372	-59.85	-76.92	0.22	0.659
Forestry	-2	-11	0	-8	-4	-4	-2.97	-20.83	-0.02	0.338
Fishing	0	-4	3	-3	-58	-55	-0.23	-24.84	-0.61	0.108
Fossil Fuels	-1,232	-1,085	-557	-1,262	-319	-876	-3.16	-2.97	-0.08	2.27
Mineral Products	-226	-330	-42	-410	-1,732	-1,773	-5.49	-8.98	-0.72	2.224
Beef	-296	-671	-374	-415	384	10	-55.93	-24.21	0.01	0.174
Pork and Poultry	-22	-2,383	-60	-1,546	1,746	1,686	-20.74	-90.71	1.58	0.203
Food Products	-1,257	-2,319	-1,230	-1,525	622	-608	-18.79	-54.55	-0.14	2.319
Beverages and Tobacco	-33	-341	-23	-241	-240	-264	-0.87	-23.56	-0.14	0.751
Textiles and Apparel	-3,483	-2,607	-3,333	-1,890	357	-2,975	-44.5	-48.59	-0.92	0.693
Leather Products	-329	-163	-342	-110	-161	-503	-45	-43.07	-2.95	0.232
Wood Products	53	-745	131	-632	44	176	0.49	-7.01	0.02	1.011
Chemicals, Rubber, Plastics	-1,725	-6,020	-1,134	-3,886	1,776	642	-13.6	-12.75	0.06	2.55
Metal Products	-1,106	-2,116	-113	-2,028	-188	-301	-3.8	-10.24	-0.04	2.792
Automotive	-15,858	-8,132	-13,675	-6,103	747	-12,929	-19.34	-24.27	-1.8	3.38
Transport Equipment	108	-210	178	-285	-193	-14	2.26	-9.8	-0.01	0.493
Electronic Equipment	-979	-1,328	42	-1,032	223	265	-1.53	-12.69	0.04	2.702
Machinery and Equipment	-3,722	-5,276	-2,489	-3,767	570	-1,918	-4.76	-12.28	-0.17	2.946
Other Manufacturing	-185	-330	-140	-359	-832	-972	-11.06	-23.04	-0.16	1.094
Other Services	41	-145	87	-223	-12,323	-12,236	5.67	-4.23	-0.15	22.667
Construction	-3	0	90	-9	-10,562	-10,471	-30.29	-5.67	-0.45	6.767
Trade	40	-40	92	-126	-10,318	-10,225	4.92	-4.26	-0.26	14.521
Transportation Services	237	-71	501	-262	-4,393	-3,893	3.83	-3.33	-0.33	6.307
Communications	-15	-57	17	-37	-1,508	-1,491	-4.29	-33.64	-0.21	2.152
Financial Services	57	-161	309	-201	-1,719	-1,411	3.86	-8.55	-0.05	3.028
Business Services	-226	-39	-120	-93	-5,165	-5,285	-25.27	-37.58	-0.19	8.38
Recreation Services	79	-59	203	-104	-3,996	-3,793	4.03	-3.02	-0.23	6.373

Source: Calculations by the study team.

Table A22: Mexican Sectoral Impacts: NAFTA Lapses but CUSFTA Holds

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Rice	-1	-5	-1	-5	-5	-6	-21.71	-0.94	-0.07	0.028
Wheat and Cereals	-3	-978	-40	-629	820	780	-12.95	-13.97	1	0.425
Fruit and Vegetables	-793	-349	-767	-131	21	-746	-8.54	-21.59	-0.98	1.059
Oilseeds and Vegetable Oils	-59	-387	-70	-162	71	0	-34.66	-6.13	0	0.029
Sugar	0	-171	1	-116	40	41	-0.01	-68.25	0.17	0.374
Other Agriculture	-139	-281	-169	-180	854	685	-8.84	-11.69	0.48	0.95
Dairy	-105	-1,109	-101	-762	435	334	-59.33	-77.14	0.2	0.659
Forestry	-2	-12	0	-8	1	1	-2.78	-20.91	0	0.338
Fishing	1	-4	4	-3	-62	-57	0.6	-25.35	-0.63	0.108
Fossil Fuels	-1,261	-1,174	-569	-1,335	-303	-872	-3.24	-3.21	-0.08	2.27
Mineral Products	-213	-343	-22	-427	-1,842	-1,864	-5.16	-9.32	-0.75	2.224
Beef	-309	-678	-386	-418	378	-8	-58.38	-24.46	-0.01	0.174
Pork and Poultry	-23	-2,390	-55	-1,552	1,729	1,675	-21.24	-90.95	1.57	0.203
Food Products	-1,304	-2,328	-1,272	-1,537	509	-763	-19.49	-54.75	-0.17	2.319
Beverages and Tobacco	-30	-343	-20	-244	-276	-295	-0.79	-23.72	-0.16	0.751
Textiles and Apparel	-3,480	-2,625	-3,327	-1,909	345	-2,981	-44.46	-48.92	-0.93	0.693
Leather Products	-327	-165	-339	-115	-169	-509	-44.83	-43.51	-2.99	0.232
Wood Products	81	-778	163	-654	47	210	0.75	-7.31	0.02	1.011
Chemicals, Rubber, Plastics	-1,807	-6,175	-1,175	-4,009	1,780	604	-14.25	-13.08	0.06	2.55
Metal Products	-1,148	-2,213	-110	-2,106	-185	-294	-3.95	-10.7	-0.04	2.792
Automotive	-17,087	-8,330	-14,711	-6,392	601	-14,109	-20.84	-24.86	-1.96	3.38
Transport Equipment	119	-225	194	-302	-207	-13	2.5	-10.5	-0.01	0.493
Electronic Equipment	-832	-1,382	194	-1,054	225	419	-1.3	-13.21	0.07	2.702
Machinery and Equipment	-3,546	-5,475	-2,280	-3,903	577	-1,704	-4.54	-12.74	-0.15	2.946
Other Manufacturing	-177	-339	-129	-373	-885	-1,015	-10.54	-23.69	-0.17	1.094
Other Services	45	-160	94	-239	-13,154	-13,060	6.24	-4.68	-0.16	22.667
Construction	-3	0	94	-10	-11,231	-11,137	-29.71	-6.43	-0.48	6.767
Trade	45	-45	100	-134	-10,977	-10,877	5.56	-4.78	-0.28	14.521
Transportation Services	265	-80	542	-279	-4,669	-4,127	4.27	-3.74	-0.35	6.307
Communications	-14	-58	20	-38	-1,607	-1,587	-4.07	-33.98	-0.22	2.152
Financial Services	66	-170	335	-213	-1,838	-1,503	4.46	-9.01	-0.05	3.028
Business Services	-232	-40	-120	-98	-5,473	-5,593	-25.93	-38.02	-0.2	8.38
Recreation Services	89	-65	220	-111	-4,255	-4,035	4.51	-3.38	-0.24	6.373

Source: Calculations by the study team.

Table A23: Mexican Sectoral Impacts: NAFTA Lapses but CUSFTA Holds and CMFTA Adopted

	Bilateral Exports	Bilateral Imports	Total Exports	Total Imports	Domestic Shipments	Total Shipments	Bilateral Exports %	Bilateral Imports %	Total Shipments %	Value-added share %
Rice	-1	-4	-1	-5	-4	-5	-21.92	-0.88	-0.07	0.028
Wheat and Cereals	-2	-826	-33	-538	700	667	-10.68	-11.8	0.85	0.425
Fruit and Vegetables	-720	-322	-696	-118	23	-672	-7.75	-19.89	-0.88	1.059
Oilseeds and Vegetable Oils	-58	-374	-69	-154	72	3	-34.25	-5.92	0.01	0.029
Sugar	-3	-171	-1	-116	48	47	-0.14	-68.23	0.2	0.374
Other Agriculture	-129	-243	-155	-163	770	615	-8.22	-10.13	0.43	0.95
Dairy	-118	-1,108	-115	-760	460	346	-66.69	-77.09	0.2	0.659
Forestry	-2	-11	-1	-7	9	8	-3.07	-19.26	0.03	0.338
Fishing	1	-3	4	-3	-58	-54	0.54	-21.46	-0.59	0.108
Fossil Fuels	-1,298	-1,141	-618	-1,296	-284	-902	-3.33	-3.12	-0.08	2.27
Mineral Products	-208	-332	-30	-409	-1,716	-1,746	-5.05	-9.04	-0.71	2.224
Beef	-298	-549	-358	-361	284	-75	-56.44	-19.82	-0.05	0.174
Pork and Poultry	-21	-2,111	-50	-1,428	1,619	1,569	-19.43	-80.36	1.47	0.203
Food Products	-1,249	-2,206	-1,215	-1,458	490	-725	-18.67	-51.89	-0.16	2.319
Beverages and Tobacco	-30	-337	-21	-239	-248	-269	-0.79	-23.3	-0.15	0.751
Textiles and Apparel	-3,311	-2,570	-3,171	-1,830	359	-2,811	-42.31	-47.89	-0.87	0.693
Leather Products	-313	-164	-321	-119	-148	-469	-42.87	-43.25	-2.76	0.232
Wood Products	117	-730	190	-607	55	245	1.08	-6.87	0.03	1.011
Chemicals, Rubber, Plastics	-1,731	-5,896	-1,147	-3,805	1,725	578	-13.65	-12.49	0.06	2.55
Metal Products	-1,189	-2,124	-205	-2,015	-172	-377	-4.09	-10.28	-0.05	2.792
Automotive	-15,498	-7,366	-13,301	-5,756	439	-12,862	-18.9	-21.98	-1.79	3.38
Transport Equipment	174	-178	240	-259	-201	39	3.64	-8.33	0.02	0.493
Electronic Equipment	-738	-1,354	204	-985	219	424	-1.15	-12.95	0.07	2.702
Machinery and Equipment	-3,577	-5,293	-2,378	-3,709	569	-1,809	-4.58	-12.31	-0.16	2.946
Other Manufacturing	-166	-313	-121	-348	-835	-956	-9.89	-21.88	-0.16	1.094
Other Services	43	-149	89	-224	-12,321	-12,232	5.95	-4.34	-0.15	22.667
Construction	-3	0	87	-9	-10,478	-10,391	-29.95	-6.05	-0.45	6.767
Trade	42	-42	93	-125	-10,226	-10,133	5.13	-4.43	-0.26	14.521
Transportation Services	247	-75	507	-261	-4,368	-3,861	3.99	-3.47	-0.33	6.307
Communications	-15	-57	16	-37	-1,500	-1,483	-4.39	-33.43	-0.21	2.152
Financial Services	62	-161	314	-200	-1,718	-1,405	4.24	-8.54	-0.05	3.028
Business Services	-235	-36	-130	-91	-5,115	-5,245	-26.21	-34.72	-0.19	8.38
Recreation Services	88	-61	210	-104	-3,984	-3,773	4.47	-3.14	-0.23	6.373

Source: Calculations by the study team.

Table A24: Sectors in the Modelling Framework

Agriculture and Food	Forestry, Fishing, Mining	Industry and Manufacturing	Services
Rice	Forestry	Textiles and Apparel	Construction
Wheat and Cereals	Fishing	Leather Products	Trade
Fruit and Vegetables	Fossil Fuels	Wood Products	Transport
Oil Seeds and Vegetable Oils	Mineral Products	Chemicals, Rubber, and Plastics	Communication
Sugar		Metals and Metal Products	Financial Services
Dairy		Automotive	Business Services
Beef		Transport Equipment	Recreation
Pork and Poultry		Electronic Equipment	Other Services
Other Agriculture		Machinery and Equipment	
Food Products		Other Manufactures	
Beverages and Tobacco			

Source: Compiled by the authors.

Table A25: Regions in the Modelling Framework

Canada
Mexico
United States
China
EU28
Rest of the World

Source: Compiled by the authors.

Table A26: Tariff Shock - Canada

	GTAP Sector	Post NAFTA		GTAP	
		US	Mexico	US	Mexico
1	Paddy Rice	0.00	0.00	0.00	0.00
2	Wheat	0.00	0.00	0.00	0.00
3	Cereal Grains	0.00	0.00	0.00	0.00
4	Vegetables, Fruits Nuts	3.05	3.40	0.00	0.00
5	Oil Seeds	0.00	0.00	0.00	0.00
6	Sugar Cane, Sugar Beet	0.00	0.00	0.00	0.00
7	Plant-Based Fibers	0.00	0.00	0.00	0.00
8	Crops N.E.C.	1.91	0.48	0.00	0.00
9	Bovine Cattle, Sheep and Goats, Horses	0.00	0.00	0.00	0.00
10	Animal Products N.E.C.	44.53	0.02	19.42	0.00
11	Raw Milk	0.00	0.00	0.00	0.00
12	Wool, Silk-Worm Cocoons	0.00	0.00	0.00	0.00
13	Forestry	0.19	2.23	0.00	0.00
14	Fishing	1.36	0.02	0.00	0.00
15	Coal	0.00	0.00	0.00	0.00
16	Oil	0.00	0.00	0.00	0.00
17	Gas	0.00	0.00	0.00	0.00
18	Minerals N.E.C.	0.05	0.06	0.00	0.00
19	Bovine Meat Prods	12.14	25.23	0.45	0.00
20	Meat Products N.E.C.	57.91	2.16	57.91	0.02
21	Vegetable Oils And Fats	12.30	6.68	6.53	0.00
22	Dairy Products	178.09	170.31	178.09	170.31
23	Processed Rice	0.00	0.00	0.00	0.00
24	Sugar	4.20	0.18	0.00	2.70
25	Food Products N.E.C.	15.59	23.05	11.94	13.61
26	Beverages And Tobacco Products	12.17	0.72	4.56	0.13
27	Textiles	6.37	12.55	0.00	0.00
28	Wearing Apparel	15.27	16.35	0.00	0.00
29	Leather Products	7.84	8.11	0.00	0.00
30	Wood Products	2.58	0.91	0.00	0.00
31	Paper Products, Publishing	0.62	1.11	0.00	0.00
32	Petroleum, Coal Products	1.29	1.66	0.00	0.00
33	Chemical, Rubber, Plastic Products	2.02	2.33	0.00	0.00
34	Mineral Products N.E.C.	1.21	3.09	0.00	0.00
35	Ferrous Metals	0.03	0.01	0.00	0.00
36	Metals N.E.C.	0.00	0.00	0.00	0.00
37	Metal Products	1.87	2.03	0.00	0.00
38	Motor Vehicles And Parts	4.51	4.64	0.00	0.00
39	Transport Equipment N.E.C.	1.60	2.80	0.00	0.00
40	Electronic Equipment	0.21	1.20	0.00	0.00
41	Machinery And Equipment N.E.C.	0.52	0.71	0.00	0.00
42	Manufactures N.E.C.	3.02	3.95	0.00	0.00

Source: GTAP database; calculations by the study team

Table A27: Tariff Shock – United States

	GTAP Sector	Post NAFTA	Post NAFTA	GTAP	GTAP
		Canada	Mexico	Canada	Mexico
1	Paddy Rice	1.14	1.14	0.00	0.00
2	Wheat	1.10	1.30	0.00	0.00
3	Cereal Grains	0.08	0.19	0.00	0.00
4	Vegetables, Fruits Nuts	3.65	3.91	0.00	0.00
5	Oil Seeds	0.11	40.71	0.00	24.06
6	Sugar Cane, Sugar Beet	0.03	0.00	0.00	0.00
7	Plant-Based Fibers	0.31	0.24	0.02	0.00
8	Crops N.E.C.	8.83	2.11	0.00	0.00
9	Bovine Cattle, Sheep and Goats, Horses	0.17	0.17	0.00	0.00
10	Animal Products N.E.C.	0.26	0.77	0.00	0.00
11	Raw Milk	0.00	0.00	0.00	0.00
12	Wool, Silk-Worm Cocoons	0.57	1.20	0.00	0.00
13	Forestry	0.07	0.85	0.00	0.00
14	Fishing	0.06	0.46	0.00	0.00
15	Coal	0.00	0.00	0.00	0.00
16	Oil	0.00	0.00	0.00	0.00
17	Gas	0.00	0.00	0.00	0.00
18	Minerals N.E.C.	0.01	0.04	0.00	0.00
19	Bovine Meat Prods	8.51	9.78	0.00	0.00
20	Meat Products N.E.C.	1.46	2.18	0.00	0.00
21	Vegetable Oils And Fats	4.23	4.92	0.08	0.00
22	Dairy Products	14.33	17.20	14.33	0.07
23	Processed Rice	5.83	5.89	0.00	0.00
24	Sugar	3.82	0.00	3.82	0.00
25	Food Products N.E.C.	5.75	6.35	2.62	0.32
26	Beverages And Tobacco Products	1.16	0.67	0.07	0.00
27	Textiles	6.53	8.88	0.00	0.00
28	Wearing Apparel	12.21	10.61	0.00	0.00
29	Leather Products	11.81	7.29	0.00	0.00
30	Wood Products	0.38	0.13	0.00	0.00
31	Paper Products, Publishing	0.39	1.23	0.00	0.00
32	Petroleum, Coal Products	4.80	5.81	0.00	0.00
33	Chemical, Rubber, Plastic Products	2.41	2.96	0.00	0.00
34	Mineral Products N.E.C.	1.57	3.55	0.00	0.00
35	Ferrous Metals	0.13	0.20	0.00	0.00
36	Metals N.E.C.	1.40	1.65	0.00	0.00
37	Metal Products	2.03	2.24	0.00	0.00
38	Motor Vehicles And Parts	2.10	6.79	0.00	0.00
39	Transport Equipment N.E.C.	0.13	0.33	0.00	0.00
40	Electronic Equipment	0.29	0.77	0.00	0.00
41	Machinery And Equipment N.E.C.	1.02	1.57	0.00	0.00
42	Manufactures N.E.C.	1.34	2.53	0.00	0.00

Source: GTAP database; calculations by the study team

Table A28: Tariff Shock - Mexico

	GTAP Sector	Post NAFTA		GTAP	
		Canada	US	Canada	US
1	Paddy Rice	0.00	0.00	0.00	0.00
2	Wheat	22.52	22.50	0.00	0.00
3	Cereal Grains	10.93	6.90	0.00	0.00
4	Vegetables, Fruits Nuts	21.83	28.49	0.00	5.11
5	Oil Seeds	0.01	5.35	0.00	0.00
6	Sugar Cane, Sugar Beet	0.00	0.00	0.00	0.00
7	Plant-Based Fibers	0.00	0.00	0.00	0.00
8	Crops N.E.C.	44.42	11.04	0.00	0.00
9	Bovine Cattle, Sheep and Goats, Horses	1.63	11.63	0.00	0.00
10	Animal Products N.E.C.	7.46	4.94	0.53	0.00
11	Raw Milk	0.00	0.00	0.00	0.00
12	Wool, Silk-Worm Cocoons	0.00	0.00	0.00	0.00
13	Forestry	12.72	11.88	0.00	4.00
14	Fishing	17.02	12.45	0.00	0.00
15	Coal	0.00	0.00	0.00	0.00
16	Oil	0.00	0.00	0.00	0.00
17	Gas	0.00	0.00	0.00	0.00
18	Minerals N.E.C.	0.00	0.02	0.00	0.00
19	Bovine Meat Prods	26.87	19.66	10.79	0.00
20	Meat Products N.E.C.	19.19	71.12	0.60	0.00
21	Vegetable Oils And Fats	4.11	4.01	0.00	0.00
22	Dairy Products	40.29	31.44	40.29	0.00
23	Processed Rice	0.00	0.34	0.00	0.00
24	Sugar	41.94	41.47	41.94	0.00
25	Food Products N.E.C.	20.15	35.62	0.11	2.71
26	Beverages And Tobacco Products	42.09	19.21	0.00	0.19
27	Textiles	10.13	10.19	0.00	0.20
28	Wearing Apparel	22.17	21.12	0.00	0.00
29	Leather Products	18.78	7.72	0.00	0.00
30	Wood Products	2.18	3.43	0.00	0.13
31	Paper Products, Publishing	1.62	1.77	0.00	0.44
32	Petroleum, Coal Products	0.36	0.15	0.00	0.00
33	Chemical, Rubber, Plastic Products	4.04	3.58	0.00	0.11
34	Mineral Products N.E.C.	2.13	4.24	0.00	0.03
35	Ferrous Metals	0.13	0.11	0.00	0.00
36	Metals N.E.C.	0.30	1.97	0.00	0.00
37	Metal Products	3.56	2.87	0.00	0.11
38	Motor Vehicles And Parts	13.51	6.64	0.00	0.00
39	Transport Equipment N.E.C.	1.17	1.08	0.00	0.00
40	Electronic Equipment	0.22	1.95	0.00	0.00
41	Machinery And Equipment N.E.C.	1.75	2.30	0.00	0.09
42	Manufactures N.E.C.	8.57	6.04	0.00	0.00

Source: GTAP database; calculations by the study team

Table A29: Cross-border services shock – Canada

Sectors	GTAP	GTAP Sectors	NAFTA		Current		NTB Before	NTB After
			STRI	GTRI	STRI	GTRI		
Construction	46	Construction	0.144	0.160	0.144	0.175	0.152	0.160
Distribution	47	Trade	0.041	0.041	0.041	0.041	0.041	0.041
Courier	48	Transport nec	0.099	0.108	0.099	0.108	0.103	0.103
Rail freight transport	48	Transport nec	0.000	0.010	0.000	0.010	0.005	0.005
Road Transport	48	Transport nec	0.018	0.018	0.018	0.018	0.018	0.018
Cargo-handling	48	Transport nec	0.132	0.355	0.132	0.355	0.243	0.243
Custom brokerage	48	Transport nec	0.045	0.045	0.045	0.045	0.045	0.045
Freight forwarding	48	Transport nec	0.023	0.023	0.023	0.075	0.023	0.049
Storage and warehouse	48	Transport nec	0.070	0.213	0.070	0.254	0.142	0.162
Maritime Transport	49	Water transport	0.093	0.155	0.093	0.173	0.124	0.133
Internal Waterways	49	Water transport	0.093	0.257	0.093	0.301	0.175	0.197
Air Transport	50	Air transport	0.182	0.336	0.182	0.336	0.259	0.259
Broadcasting	51	Communication	0.000	0.037	0.000	0.037	0.019	0.019
Motion Pictures	51	Communication	0.026	0.116	0.026	0.116	0.071	0.071
Sound Recording	51	Communication	0.060	0.117	0.060	0.117	0.089	0.089
Telecommunications	51	Communication	0.069	0.069	0.069	0.069	0.069	0.069
Commercial banking	52	Financial services nec	0.073	0.073	0.073	0.073	0.073	0.073
Insurance	53	Insurance	0.103	0.103	0.103	0.103	0.103	0.103
Accounting	54	Business services nec	0.087	0.095	0.087	0.116	0.091	0.101
Architecture	54	Business services nec	0.098	0.148	0.098	0.165	0.123	0.132
Computer	54	Business services nec	0.047	0.062	0.047	0.062	0.054	0.054
Engineering	54	Business services nec	0.074	0.134	0.074	0.168	0.104	0.121
Legal Services	54	Business services nec	0.052	0.147	0.052	0.215	0.099	0.134
Urban Planning	54	Business services nec	0.081	0.132	0.081	0.165	0.106	0.123
Midwives, nurses, physiotherapists etc.	54	Business services nec	0.047	0.096	0.047	0.153	0.071	0.100
Rental & Leasing without Operators	54	Business services nec	0.016	0.016	0.016	0.016	0.016	0.016
Building-cleaning Services	54	Business services nec	0.047	0.062	0.047	0.062	0.054	0.054
Photographic Services	54	Business services nec	0.047	0.096	0.047	0.153	0.071	0.100
Packaging Services	54	Business services nec	0.047	0.062	0.047	0.062	0.054	0.054
Real Estate Services	54	Business services nec	0.047	0.062	0.047	0.078	0.054	0.062
Research and Development	54	Business services nec	0.016	0.125	0.016	0.169	0.071	0.093
Tourism and Travel Related Services	55	Recreational and other services	0.016	0.028	0.016	0.055	0.022	0.036
Recreational, Cultural and Sporting	55	Recreational and other services	0.016	0.129	0.016	0.162	0.073	0.089
Educational Services	56	Pub. Admin., Defense, Ed. Health	0.016	0.185	0.016	0.185	0.101	0.101

Source: GTAP database; calculations by the study team

Table A30: Cross-border services shock – United States

Sectors	GTAP	GTAP Sectors	NAFTA		Current		NTB Before	NTB After
			STRI	GTRI	STRI	GTRI		
Construction	46	Construction	0.073	0.089	0.060	0.076	0.068	0.081
Distribution	47	Trade	0.030	0.039	0.030	0.039	0.035	0.035
Courier	48	Transport nec	0.135	0.144	0.135	0.144	0.139	0.139
Rail freight transport	48	Transport nec	0.015	0.025	0.015	0.025	0.020	0.020
Road Transport	48	Transport nec	0.060	0.077	0.060	0.077	0.069	0.069
Maritime Transport	49	Water transport	0.154	0.178	0.154	0.178	0.166	0.166
Air Transport	50	Air transport	0.176	0.345	0.176	0.345	0.261	0.261
Broadcasting	51	Communication	0.019	0.019	0.019	0.019	0.019	0.019
Motion Pictures	51	Communication	0.013	0.039	0.013	0.026	0.019	0.026
Sound Recording	51	Communication	0.020	0.060	0.020	0.060	0.040	0.040
Telecommunications	51	Communication	0.041	0.041	0.041	0.041	0.041	0.041
Commercial banking	52	Financial services nec	0.037	0.037	0.037	0.037	0.037	0.037
Insurance	53	Insurance	0.104	0.104	0.104	0.104	0.104	0.104
Accounting	54	Business services nec	0.066	0.183	0.066	0.136	0.101	0.124
Architecture	54	Business services nec	0.078	0.210	0.078	0.156	0.117	0.144
Computer	54	Business services nec	0.035	0.052	0.035	0.052	0.044	0.044
Engineering	54	Business services nec	0.094	0.189	0.058	0.134	0.096	0.142
Legal Services	54	Business services nec	0.039	0.183	0.039	0.145	0.092	0.111

Source: GTAP database; calculations by the study team

Table A31: Cross-border services shock – Mexico

Sectors	GTAP	GTAP Sectors	NAFTA		Current		NTB Before	NTB After
			STRI	GTRI	STRI	GTRI		
Construction	46	Construction	0.096	0.113	0.096	0.113	0.105	0.105
Distribution	47	Trade	0.022	0.031	0.022	0.031	0.027	0.027
Courier	48	Transport nec	0.145	0.154	0.145	0.154	0.150	0.150
Rail freight transport	48	Transport nec	0.028	0.108	0.028	0.108	0.068	0.068
Road Transport	48	Transport nec	0.028	0.060	0.028	0.060	0.044	0.044
Maritime Transport	49	Water transport	0.032	0.145	0.032	0.145	0.088	0.088
Air Transport	50	Air transport	0.186	0.345	0.186	0.345	0.266	0.266
Broadcasting	51	Communication	0.019	0.045	0.019	0.045	0.032	0.032
Motion Pictures	51	Communication	0.064	0.077	0.064	0.102	0.070	0.083
Sound Recording	51	Communication	0.018	0.076	0.018	0.076	0.047	0.047
Telecommunications	51	Communication	0.139	0.139	0.139	0.139	0.139	0.139
Commercial banking	52	Financial services nec	0.135	0.344	0.135	0.370	0.239	0.252
Insurance	53	Insurance	0.090	0.340	0.090	0.347	0.215	0.218
Accounting	54	Business services nec	0.095	0.165	0.095	0.213	0.130	0.154
Architecture	54	Business services nec	0.117	0.268	0.117	0.286	0.193	0.202
Computer	54	Business services nec	0.017	0.035	0.017	0.035	0.026	0.026
Engineering	54	Business services nec	0.029	0.166	0.029	0.232	0.098	0.130
Legal Services	54	Business services nec	0.210	0.267	0.210	0.267	0.238	0.238

Source: GTAP database; calculations by the study team.

Table A32: FDI shock – Canada

Sectors	GTAP	GTAP Sectors	NAFTA		Current		NTB Before	NTB After
			STRI	GTRI	STRI	GTRI		
Construction	46	Construction	0.099	0.130	0.099	0.176	0.114	0.137
Distribution	47	Trade	0.197	0.242	0.197	0.272	0.219	0.234
Courier	48	Transport nec	0.226	0.239	0.226	0.265	0.233	0.246
Rail freight transport	48	Transport nec	0.146	0.161	0.146	0.207	0.154	0.177
Road Transport	48	Transport nec	0.099	0.125	0.099	0.254	0.112	0.176
Cargo-handling	48	Transport nec	0.068	0.420	0.068	0.645	0.244	0.356
Custom brokerage	48	Transport nec	0.092	0.140	0.092	0.187	0.116	0.140
Freight forwarding	48	Transport nec	0.077	0.077	0.077	0.142	0.077	0.110
Storage and warehouse	48	Transport nec	0.071	0.071	0.071	0.131	0.071	0.101
Maritime Transport	49	Water transport	0.081	0.337	0.081	0.628	0.209	0.354
Internal Waterways	49	Water transport	0.081	0.458	0.081	0.695	0.269	0.388
Air Transport	50	Air transport	0.346	0.664	0.346	0.664	0.505	0.505
Broadcasting	51	Communication	0.371	0.812	0.371	0.812	0.591	0.591
Motion Pictures	51	Communication	0.201	0.684	0.201	0.684	0.443	0.443
Sound Recording	51	Communication	0.072	0.472	0.072	0.472	0.272	0.272
Telecommunications	51	Communication	0.238	0.244	0.238	0.292	0.241	0.265
Commercial banking	52	Financial services nec	0.040	0.040	0.052	0.052	0.040	0.052
Insurance	53	Insurance	0.066	0.066	0.072	0.072	0.066	0.072
Accounting	54	Business services nec	0.115	0.115	0.115	0.163	0.115	0.139
Architecture	54	Business services nec	0.075	0.087	0.075	0.136	0.081	0.106
Computer	54	Business services nec	0.124	0.124	0.124	0.139	0.124	0.132
Engineering	54	Business services nec	0.066	0.079	0.066	0.116	0.073	0.091
Legal Services	54	Business services nec	0.071	0.390	0.071	0.661	0.231	0.366
Urban Planning	54	Business services nec	0.075	0.087	0.075	0.124	0.081	0.099
Midwives, nurses, physiotherapists etc.	54	Business services nec	0.124	0.628	0.124	0.847	0.376	0.486
Rental & Leasing without Operators	54	Business services nec	0.058	0.070	0.058	0.070	0.064	0.064
Building-cleaning Services	54	Business services nec	0.124	0.139	0.124	0.155	0.132	0.140
Photographic Services	54	Business services nec	0.124	0.610	0.124	0.844	0.367	0.484
Packaging Services	54	Business services nec	0.124	0.139	0.124	0.155	0.132	0.140
Real Estate Services	54	Business services nec	0.124	0.124	0.124	0.139	0.124	0.132
Research and Development	54	Business services nec	0.056	0.282	0.056	0.534	0.169	0.295
Tourism and Travel Related Services	55	Recreational and other services	0.056	0.111	0.056	0.184	0.084	0.120
Recreational, Cultural and Sporting	55	Recreational and other services	0.058	0.484	0.058	0.817	0.271	0.437
Educational Services	56	Pub. Admin., Defense, Education, Health	0.052	0.788	0.052	0.788	0.420	0.420

Source: GTAP database; calculations by the study team

Table A33: FDI shock – United States

Sectors	GTAP	GTAP Sectors	NAFTA		Current		NTB Before	NTB After
			STRI	GTRI	STRI	GTRI		
Construction	46	Construction	0.085	0.171	0.085	0.154	0.119	0.128
Distribution	47	Trade	0.042	0.107	0.042	0.091	0.067	0.075
Courier	48	Transport nec	0.235	0.263	0.235	0.263	0.249	0.249
Rail freight transport	48	Transport nec	0.106	0.162	0.106	0.147	0.127	0.134
Road Transport	48	Transport nec	0.081	0.158	0.081	0.134	0.107	0.120
Maritime Transport	49	Water transport	0.229	0.649	0.229	0.649	0.439	0.439
Air Transport	50	Air transport	0.364	0.655	0.364	0.655	0.510	0.510
Broadcasting	51	Communication	0.278	0.349	0.278	0.349	0.313	0.313
Motion Pictures	51	Communication	0.048	0.199	0.048	0.199	0.123	0.123
Sound Recording	51	Communication	0.029	0.118	0.029	0.118	0.074	0.074
Telecommunications	51	Communication	0.083	0.209	0.083	0.141	0.112	0.146
Commercial banking	52	Financial services nec	0.094	0.107	0.094	0.094	0.094	0.101
Insurance	53	Insurance	0.119	0.127	0.119	0.119	0.119	0.123
Accounting	54	Business services nec	0.081	0.181	0.081	0.145	0.113	0.131
Architecture	54	Business services nec	0.085	0.170	0.085	0.170	0.127	0.127
Computer	54	Business services nec	0.117	0.199	0.117	0.199	0.158	0.158
Engineering	54	Business services nec	0.105	0.191	0.105	0.191	0.148	0.148
Legal Services	54	Business services nec	0.101	0.177	0.101	0.177	0.139	0.139

Source: GTAP database; calculations by the study team.

Table A34: FDI shock - Mexico

Sectors	GTAP	GTAP Sectors	NAFTA		Current		NTB Before	NTB After
			STRI	GTRI	STRI	GTRI		
Construction	46	Construction	0.065	0.115	0.065	0.149	0.090	0.107
Distribution	47	Trade	0.054	0.070	0.054	0.070	0.062	0.062
Courier	48	Transport nec	0.213	0.275	0.213	0.275	0.244	0.244
Rail freight transport	48	Transport nec	0.201	0.334	0.201	0.488	0.268	0.344
Road Transport	48	Transport nec	0.077	0.257	0.077	0.577	0.167	0.327
Maritime Transport	49	Water transport	0.000	0.276	0.000	0.490	0.138	0.245
Air Transport	50	Air transport	0.184	0.582	0.184	0.582	0.383	0.383
Broadcasting	51	Communication	0.305	0.729	0.305	0.729	0.517	0.517
Motion Pictures	51	Communication	0.100	0.155	0.100	0.191	0.128	0.146
Sound Recording	51	Communication	0.067	0.252	0.067	0.324	0.160	0.196
Telecommunications	51	Communication	0.189	0.223	0.189	0.238	0.206	0.213
Commercial banking	52	Financial services nec	0.195	0.415	0.195	0.538	0.305	0.366
Insurance	53	Insurance	0.118	0.416	0.118	0.560	0.267	0.339
Accounting	54	Business services nec	0.014	0.103	0.014	0.103	0.059	0.059
Architecture	54	Business services nec	0.013	0.216	0.013	0.346	0.114	0.180
Computer	54	Business services nec	0.078	0.095	0.078	0.095	0.086	0.086
Engineering	54	Business services nec	0.029	0.245	0.029	0.365	0.137	0.197
Legal Services	54	Business services nec	0.079	0.245	0.079	0.387	0.162	0.233

Source: GTAP database; calculations by the study team.