Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
T001	**11–91**		**816,756**	**All industries**
11	**11**		**20,426**	**Agriculture, forestry, fishing and hunting**
111	111	111400, 111A00	9,622	Crop production
112	112	112500, 112A00	3,145	Animal production
113	113	113000	5,564	Forestry and logging
114	114	114000	847	Fishing, hunting and trapping
115	115	115100, 115200, 115300	1,248	Support activities for agriculture and forestry
11A*	111, 112		12,767	Crop and animal production
21	**21**		**33,936**	**Mining and oil and gas extraction**
211	211	211100	21,203	Oil and gas extraction
212	212		8,700	Mining (except oil and gas)
2121	2121	212100	1,209	Coal mining
2122	2122		5,027	Metal ore mining
21221	21221	212210	647	Iron ore mining
21222	21222	212220	1,301	Gold and silver ore mining
21223	21223	212230	2,662	Copper, nickel, lead and zinc ore mining
21229	21229	212290	417	Other metal ore mining
2123	2123		2,464	Non-metallic mineral mining and quarrying
21231	21231	212310	341	Stone mining and quarrying
21232	21232	212320	480	Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying
21239	21239		1,643	Other non-metallic mineral mining and quarrying
212393	212393	212393	243	Salt mining
212396	212396	212396	1,038	Potash mining
21239X	212392, 212394, 212395, 212397, 212398	21239A, 212392 212394	362	Miscellaneous non-metallic mineral mining and quarrying including asbestos
213	213	213100	4,032	Support activities for mining and oil and gas extraction
22	**22**		**26,684**	**Utilities**
2211	2211	221100	22,417	Electric power generation, transmission and distribution
2212	2212	221200	2,985	Natural gas distribution
2213	2213	221300	1,283	Water, sewage and other systems
23	**23**		**42,995**	**Construction**
230A	23	2300A0	13,025	Residential building construction
230B	23	2300B0	8,943	Non-residential building construction
230Y	23	2300C0, 2300D0, 2300E0, 2300F0, 2300G0, 2300H0, 2300I0	21,027	Engineering and other construction activities
3A	**31-33**		**142,274**	**Manufacturing**

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
311	**311**		**13,862**	**Food manufacturing**
3111	3111	311100	680	Animal food manufacturing
3112	3112		1,542	Grain and oilseed milling
31121	31121	311210	323	Flour milling and malt manufacturing
31122	31122	311220	601	Starch and vegetable fat and oil manufacturing
31123	31123	311230	618	Breakfast cereal manufacturing
3113	3113		1,000	Sugar and confectionery product manufacturing
31131	31131	311310	153	Sugar manufacturing
3113A	31132–31134	3113A0	847	Confectionery product manufacturing
3114	3114	311410, 311420	1,858	Fruit and vegetable preserving and specialty food manufacturing
3115	3115	311500	1,961	Dairy product manufacturing
3116	3116		2,650	Meat product manufacturing
311611	311611	311611	1,094	Animal (except poultry) slaughtering
311614	311614	311614	766	Rendering and meat processing from carcasses
311615	311615	311615	789	Poultry processing
3117	3117	311700	721	Seafood product preparation and packaging
3118	3118	311810, 311821, 311822, 31182A	1,954	Bakeries and tortilla manufacturing
3119	3119		1,496	Other food manufacturing
31191	31191	311910	618	Snack food manufacturing
31192	31192	311920	217	Coffee and tea manufacturing
3119A	31193, 31194, 31199	3119A0	661	Other miscellaneous food manufacturing
311A*	3112, 3118, 3119		4,992	Miscellaneous food manufacturing
312	**312**		**4,919**	**Beverage and tobacco product manufacturing**
3121	3121		3,399	Beverage manufacturing
31211	31211	312110	726	Soft drink and ice manufacturing
31212	31212	312120	2,118	Breweries
31213	31213	312130	173	Wineries
31214	31214	312140	382	Distilleries
3122	3122	312200	1,521	Tobacco manufacturing
31A*	**313, 314**		**2,204**	**Textile and textile product mills**
313	**313**		**1,414**	**Textile mills**
3131	3131	313100	201	Fibre, yarn and thread mills
3132	3132	313200	998	Fabric mills
3133	3133	313300	215	Textile and fabric finishing and fabric coating
314	**314**		**790**	**Textile product mills**
3141	3141	314110, 314120	479	Textile furnishings mills
3149	3149	314910, 314990	311	Other textile product mills
315	**315**		**3,266**	**Clothing manufacturing**
3151	3151	315110, 315190	488	Clothing knitting mills
3152	3152	315210, 315220, 315230, 315290	2,650	Cut and sew clothing manufacturing
3159	3159	315900	129	Clothing accessories and other clothing manufacturing

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
316	**316**		**422**	**Leather and allied product manufacturing**
3162	3162	316200	296	Footwear manufacturing
316X	3161, 3169	316100, 316900	125	Leather and allied products (excluding footwear) manufacturing
321	**321**		**9,198**	**Wood product manufacturing**
3211	3211	321100	6,240	Sawmills and wood preservation
3212	3212		1,405	Veneer, plywood and engineered wood product manufacturing
321215	321215	321215	161	Structural wood product manufacturing
32121A	321211, 321212	32121A	568	Veneer and plywood mills
32121B	321216, 321217	32121B	676	Particle board, fibreboard and waferboard mills
3219	3219		1,554	Other wood product manufacturing
32191	32191	321911, 321919	975	Millwork
3219X	32192, 32199	321920, 321990	579	Wood container and other wood product manufacturing
322	**322**		**10,837**	**Paper manufacturing**
3221	3221		8,294	Pulp, paper and paperboard mills
32211	32211	322110	1,883	Pulp mills
32212	32212		5,715	Paper mills
322121	322121	322121	1,876	Paper (except newsprint) mills
322122	322122	322122	3,839	Newsprint mills
32213	32213	322130	696	Paperboard mills
3222	3222		2,543	Converted paper product manufacturing
32221	32221	322210	1,303	Paperboard container manufacturing
32222	32222	322220	575	Paper bag and coated and treated paper manufacturing
3222X	32223, 32229	322230, 322290	664	Stationery and other converted paper product manufacturing
323	**323**		**4,324**	**Printing and related support activities**
32311	32311	323110	3,806	Printing
32312	32312	323120	519	Support activities for printing
324	**324**		**1,657**	**Petroleum and coal products manufacturing**
32412	32412	324120	338	Asphalt paving, roofing and saturated materials manufacturing
3241X	32411, 32419	324110, 324190	1,318	Refineries and other petroleum and coal products manufacturing
325	**325**		**12,837**	**Chemical manufacturing**
3251	3251		3,477	Basic chemical manufacturing
32511	32511	325110	844	Petrochemical manufacturing
3251X	32512, 32513, 32518, 32519	325120, 325130, 3251A0	2,633	Other basic chemical manufacturing
3252	3252	325200	2,503	Resin, synthetic rubber, and artificial and synthetic fibres and filaments manufacturing
3253	3253	325310, 325320	1,347	Pesticide, fertilizer and other agricultural chemical manufacturing
3254	3254	325400	2,075	Pharmaceutical and medicine manufacturing
3255	3255	325510, 325520	945	Paint, coating and adhesive manufacturing
3256	3256		1,343	Soap, cleaning compound and toilet preparation manufacturing
32561	32561	325610	892	Soap and cleaning compound manufacturing
32562	32562	325620	451	Toilet preparation manufacturing
3259	3259	325900	1,146	Other chemical product manufacturing
325A*	3255, 3256, 3259		3,435	Miscellaneous chemical product manufacturing

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
326	**326**		**7,066**	**Plastics and rubber products manufacturing**
3261	3261		4,905	Plastic product manufacturing
32611	32611	326110	858	Unsupported plastic film, sheet and bag manufacturing
32612	32612	326120	604	Plastic pipe, pipe fitting and unsupported profile shape manufacturing
3261X	32613–32616	326130, 326160, 3261A0	672	Laminated plastic, plastic bottle and foam product manufacturing
32619	32619		2,771	Other plastic product manufacturing
326193	326193	326193	852	Motor vehicle plastic parts manufacturing
32619A	326191, 326198	32619A	1,919	Miscellaneous plastic product manufacturing
3262	3262		2,162	Rubber product manufacturing
32621	32621	326210	938	Tire manufacturing
32622	32622	326220	182	Rubber and plastic hose and belting manufacturing
32629	32629	326290	1,042	Other rubber product manufacturing
327	**327**		**3,787**	**Non-metallic mineral product manufacturing**
3271	3271	327100	282	Clay product and refractory manufacturing
3272	3272	327200	838	Glass and glass product manufacturing
3273	3273		1,773	Cement and concrete product manufacturing
32731	32731	327310	680	Cement manufacturing
32732	32732	327320	572	Ready-mix concrete manufacturing
3273A	32733, 32739	3273A0	522	Concrete product manufacturing
3274	3274	327400	407	Lime and gypsum product manufacturing
3279	3279	327900	488	Other non-metallic mineral product manufacturing
327A*	3271, 3272, 3274, 3279		2,014	Miscellaneous non-metallic mineral product manufacturing
33A*	**331, 332**		**18,912**	**Primary and fabricated metal products manufacturing**
331	**331**		**9,586**	**Primary metal manufacturing**
3311	3311	331100	3,142	Iron and steel mills and ferro-alloy manufacturing
3312	3312		1,192	Steel product manufacturing from purchased steel
33121	33121	331210	863	Iron and steel pipes and tubes manufacturing from purchased steel
33122	33122	331220	329	Rolling and drawing of purchased steel
3313	3313		2,088	Alumina and aluminum production and processing
331313	331313	331313	1,797	Primary production of alumina and aluminum
331317	331317	331317	291	Aluminum rolling, drawing, extruding and alloying
3314	3314		1,865	Non-ferrous metal (except aluminum) production and processing
33141	33141	331410	1,556	Non-ferrous (except aluminum) smelting and refining
3314A	33142, 33149	3314A0	309	Non-ferrous (except aluminum) secondary processing
3315	3315		1,299	Foundries
33151	33151	331510	766	Ferrous metal foundries
33152	33152	331520	533	Non-ferrous metal foundries
332	**332**		**9,326**	**Fabricated metal product manufacturing**
3321	3321	332100	873	Forging and stamping
3322	3322	332200	208	Cutlery and hand tool manufacturing
3323	3323		2,370	Architectural and structural metals manufacturing
33231	33231	332311, 33231A	1,139	Plate work and fabricated structural products manufacturing

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
33232	33232	332320	1,231	Ornamental and architectural metal products manufacturing
3324	3324	332410, 332420, 332430	1,083	Boiler, tank and shipping container manufacturing
3325	3325	332500	661	Hardware manufacturing
3326	3326	332600	567	Spring and wire product manufacturing
3327	3327	332710, 332720	1,489	Machine shops, turned product, and screw, nut and bolt manufacturing
3328	3328	332800	775	Coating, engraving, heat treating and allied activities
3329	3329	332900	1,301	Other fabricated metal product manufacturing
333	**333**		**9,833**	**Machinery manufacturing**
3331	3331		2,039	Agricultural, construction and mining machinery manufacturing
33311	33311	333110	1,039	Agricultural implement manufacturing
3331X	33312, 33313	333120, 333130	1,000	Construction, mining and oil and gas field machinery manufacturing
3332	3332	333200	1,274	Industrial machinery manufacturing
3333	3333	333300	605	Commercial and service industry machinery manufacturing
3334	3334	333400	738	Ventilation, heating, air-conditioning and commercial refrigeration equipment manufacturing
3335	3335	333500	1,725	Metalworking machinery manufacturing
3336	3336	333600	963	Engine, turbine and power transmission manufacturing
3339	3339	333910, 333920, 333990	2,488	Other general-purpose machinery manufacturing
334	**334**		**7,629**	**Computer and electronic product manufacturing**
3341	3341	334100	933	Computer and peripheral equipment manufacturing
3342	3342		3,291	Communications equipment manufacturing
33421	33421	334210	2,579	Telephone apparatus manufacturing
33422	33422	334220	536	Radio and television broadcasting and wireless communications equipment manufacturing
33429	33429	334290	176	Other communications equipment manufacturing
3344	3344	334400	1,460	Semiconductor and other electronic component manufacturing
334X	3343, 3345	334300, 334500	1,618	Audio, video and other instruments manufacturing
3346	3346	334600	328	Manufacturing and reproducing magnetic and optical media
334A*	3342–3346		6,696	Electronic product manufacturing
335	**335**		**3,329**	**Electrical equipment, appliance and component manufacturing**
3351	3351	335100	445	Electric lighting equipment manufacturing
3352	3352	335200	722	Household appliance manufacturing
3353	3353	335311, 335312, 335315	1,029	Electrical equipment manufacturing
3359	3359		1,134	Other electrical equipment and component manufacturing
33592	33592	335920	497	Communication and energy wire and cable manufacturing
3359X	33591, 33593, 33599	335910, 3359A0	637	Battery, wiring devices and miscellaneous electrical equipment manufacturing
335A*	3351, 3353, 3359		2,607	Electric equipment and component manufacturing
336	**336**		**22,167**	**Transportation equipment manufacturing**
3361	3361	336110, 336120	6,128	Motor vehicle manufacturing

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
3362	3362	336200	874	Motor vehicle body and trailer manufacturing
3363	3363		8,523	Motor vehicle parts manufacturing
33631	33631	336310	2,015	Motor vehicle gasoline engine and engine parts manufacturing
33632	33632	336320	450	Motor vehicle electrical and electronic equipment manufacturing
33633	33633	336330	517	Motor vehicle steering and suspension components (except spring) manufacturing
33634	33634	336340	576	Motor vehicle brake system manufacturing
33635	33635	336350	1,078	Motor vehicle transmission and power train parts manufacturing
33636	33636	336360	1,045	Motor vehicle seating and interior trim manufacturing
33637	33637	336370	1,374	Motor vehicle metal stamping
33639	33639	336390	1,468	Other motor vehicle parts manufacturing
3364	3364	336400	4,768	Aerospace product and parts manufacturing
3365	3365	336500	688	Railroad rolling stock manufacturing
3366	3366	336611, 336612	528	Ship and boat building
3369	3369	336900	658	Other transportation equipment manufacturing
337	**337**		**3,466**	**Furniture and related product manufacturing**
3371	3371	337110, 337127, 33712A	1,788	Household and institutional furniture and kitchen cabinet manufacturing
3372	3372	337200	1,375	Office furniture (including fixtures) manufacturing
3379	3379	337900	303	Other furniture-related product manufacturing
339	**339**		**2,560**	**Miscellaneous manufacturing**
3391	3391	339100	663	Medical equipment and supplies manufacturing
3399	3399		1,897	Other miscellaneous manufacturing
33991	33991	339910	258	Jewellery and silverware manufacturing
3399X	33992, 33993	339920, 339930	751	Sporting and athletic goods, toy and game manufacturing
3399Y	33994, 33995, 33999	339940, 339950, 339990	888	Other manufacturing
41	**41**	**410000**	**43,694**	**Wholesale trade**
4A	**44, 45**	**4A0000**	**42,252**	**Retail trade**
4B	**48, 49**		**40,335**	**Transportation and warehousing**
481	481	481000	4,117	Air transportation
482	482	482000	4,282	Rail transportation
483	483	483000	1,056	Water transportation
484	484	484000	10,260	Truck transportation
485	485		4,471	Transit and ground passenger transportation
4851	4851	485100	2,670	Urban transit systems
4852	4852	485200	164	Interurban and rural bus transportation
485X	4853–4855, 4859	485300, 485A00	1,637	Miscellaneous transit and ground passenger transportation
486	486		3,837	Pipeline transportation
4862	4862	486200	3,013	Pipeline transportation of natural gas
486A	4861, 4869	486A00	824	Crude oil and other pipeline transportation
48X	487, 488	487000, 488000	6,457	Scenic and sightseeing transportation and support activities for transportation

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
48A*	481–483, 487, 488		15,912	Air, rail, water, scenic and sightseeing and other support activities for transportation
491	491	491000	2,790	Postal service
492	492	492000	1,908	Couriers and messengers
493	493		1,158	Warehousing and storage
49313	49313	493130	495	Farm product warehousing and storage
4931A	49311, 49312, 49319	4931A0	663	All other warehousing and storage
49A*	491, 492		4,697	Postal services and couriers and messengers
51	**51**		**27,981**	**Information and cultural industries**
511	511	511100, 511200	6,212	Publishing industries
512	512		1,719	Motion picture and sound recording industries
5121	5121		1,437	Motion picture and video industries
51213	51213	512130	269	Motion picture and video exhibition
5121A	51211, 51212, 51219	5121A0	1,167	Motion picture and video production, distribution and post-production
5122	5122	512200	282	Sound recording industries
513	513		18,513	Broadcasting and telecommunications
5131	5131	513100	2,161	Radio and television broadcasting
5132	5132	513200	1,613	Pay TV, specialty TV and program distribution
5133	5133	513300	14,739	Telecommunications
514	514		1,537	Information services and data processing services
5141	5141	514100	1,133	Information services
5142	5142	514200	404	Data processing services
51A*	511, 514		7,749	Publishing industries, information services and data processing services
52	**52**		**49,497**	**Finance and insurance**
52X	521, 522		28,346	Monetary authorities and credit intermediation and related activities
52Z	521, 5221	5A0110, 5A0120, 5A0130	26,949	Monetary authorities and depository credit intermediation
52213	52213	5A0120	1,913	Local credit unions
522X	521, 52211, 52219	5A0110, 5A0130	25,036	Central bank and depository credit intermediation (excluding credit unions)
522Y	5222, 5223	5A0610	1,398	Non-depository credit intermediation and activities related to credit intermediation
524	524		16,984	Insurance carriers and related activities
5241	5241	5A0200	13,055	Insurance carriers
5242	5242	5A0620	3,928	Agencies, brokerages and other insurance related activities.
52Y	523, 526	5A0630	4,167	Securities, commodity contracts and other financial vehicles
53	**53**		**105,960**	**Real estate and rental and leasing**
531	531		100,757	Real estate
5311	5311		97,261	Lessors of real estate
5311Y		5A0400	67,404	Owner-occupied dwellings
5311X		5A0300	29,857	Other lessors of real estate
531X	5312, 5313	5A0640	3,495	Office of real estate agents and brokers and related activities
53X	532, 533		5,204	Rental and leasing services and lessors of non-financial intangible assets (except copyrighted works)

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
5321	5321	5A0510	2,267	Automotive equipment rental and leasing
532X	5322–5324,533	5A0520	2,936	Rental and leasing (except automotive equipment) and lessors of non-financial intangible assets (except copyrighted works)
5A*	52, 53, 55		161,053	Finance and insurance, real estate and renting and leasing and management of companies and enterprises
5AX*	5222, 5223, 523, 5242, 526, 5312, 5313, 55	5A0610, 5A0620, 5A0630, 5A0640, 5A0650	18,584	Other finance, insurance, real estate and management of companies and enterprises
54	**54**		**30,289**	**Professional, scientific and technical services**
5413	5413	541300	8,755	Architectural, engineering and related services
5415	5415	541500	4,635	Computer systems design and related services
5418	5418	541800	1,840	Advertising and related services
541A	5411, 5412	541A00	8,992	Legal, accounting, tax preparation and bookkeeping services
541B	5414, 5416, 5417, 5419	541B00	6,067	Other professional, scientific and technical services
56	**56**		**15,387**	**Administrative and support, waste management and remediation services**
561	561	561500, 561600, 561700, 561A00	14,001	Administrative and support services
562	562	562000	1,385	Waste management and remediation services
61	**61**		**42,313**	**Educational services**
6113	6113	611300	8,084	Universities
611A*	6111, 6112, 6114–6117	611100, 611200, 611B00	34,230	Educational services (except universities)
62	**62**		**51,403**	**Health care and social assistance**
622	622	622000	20,002	Hospitals
62A*	621, 623, 624	621100, 621200, 621A00, 623000, 624000	31,401	Health care services (excluding hospital) and social assistance
71	**71**		**7,405**	**Arts, entertainment and recreation**
713	713		3,466	Amusement, gambling and recreation industries
7132	7132	713200	1,287	Gambling industries
713A	7131, 7139	713A00	2,179	Amusement and recreation industries
71X	711, 712	711000, 712000	3,939	Performing arts, spectator sports and heritage institutions
72	**72**		**19,652**	**Accommodation and food services**
721	721	721100, 721A00	6,919	Accommodation services
722	722	722000	12,733	Food services and drinking places
81	**81**		**19,194**	**Other services (except public administration)**
811	811	811100, 811A00	5,404	Repair and maintenance
813	813	813100, 813A00	7,356	Religious, grant-making, civic, and professional and similar organizations
81A*	812, 814	812200, 812300, 812A00, 814000	6,433	Personal and laundry services and private households

Appendix I - Industry codes

IMAD industry codes	NAICS codes	Input-Output worksheet levels (W)	GDP 1997 millions $	Industry names
91	**91**		**49,482**	**Public administration**
911	911		20,591	Federal government public administration
9111	9111	911100	5,790	Defence services
911A	9112–9119	911A00	14,800	Federal government public administration (excluding defence)
912	912	912000	15,436	Provincial and territorial public administration
913	913	913000	13,456	Local, municipal and regional public administration
Special Aggregations				
T002	11–81		679,517	Business sector industries
T003	11, 21, 22, 23, 31–33		264,462	Business sector, goods
T004	41, 44–45, 48–49, 51, 52, 53, 54, 55, 56, 61, 62, 71, 72, 81		415,055	Business sector, services
T005	11–91		137,239	Non-business sector industries
T006	11, 21, 22, 23, 31–33		1,854	Non-business sector, goods
T007	41, 44–45, 48–49, 51, 52, 53, 54, 55, 56, 61, 62, 71, 72, 81, 91		135,385	Non-business sector, services
T008	11, 21, 22, 23, 31–33		266,316	Goods-producing industries
T009	41, 44–45, 48–49, 51, 52, 53, 54, 55, 56, 61, 62, 71, 72, 81, 91		550,440	Service-producing industries
T010	21, 22, 31–33		202,894	Industrial production
T011	311–316, 322–326		61,393	Non-durable manufacturing industries
T012	321, 327, 331–337, 339		80,881	Durable manufacturing industries
T013	3333, 3341, 33421, 33422, 3344, 334X, 33592, 41, 5112, 5132, 5133, 5141, 5142, 532X, 5415.		32,715	Information and communication technologies (ICT), total
T014	3333, 3341, 33421, 33422, 3344, 334X, 33592		8 ,228	Information and communication technologies (ICT), manufacturing
T015	41, 5112, 5132, 5133, 5141, 5142, 532X, 5415		24,487	Information and communication technologies (ICT), services
T016	211, 2121, 21229, 213, 2211–2212, 3241X, 4862, 486A		57,419	Energy sector

* Industry aggregations created for historical continuity puposes