

**Table A1**  
**Industry Codes: IND-IDS-SIC Correspondence**

Chandler Segment	IND Industry (Quasi 2-digit)	IDS	Old (S-L) IDS	IDS, SIC Description	SIC Codes (1987)
4 Low-tech	01 Food & tobacco	1	1	Meat products	2010 2011 2013 2015 2016
	01 Food & tobacco	4	3,4	Dairy products	2020 2021 2022 2023 2024 2026
	01 Food & tobacco	6	5,6	Canned & frozen foods	2030-2032 3037 2038 2053 3091 3092
	01 Food & tobacco	7	7	Processed fruits & vegetables	2033 2034 2035 2068 2096
	01 Food & tobacco	8	8	Breakfast cereals	2043
	01 Food & tobacco	10	10	Animal feed	2047 2048
	01 Food & tobacco	11	11	Grain mill products	2040 2041 2044 2045
	01 Food & tobacco	12	12	Wet corn milling	2046
	01 Food & tobacco	13	13	Bakery products	2050 2051 2052
	01 Food & tobacco	14	14,15,16	Sugar chocolate & cocoa prods.	2060-2067
	01 Food & tobacco	18	18	Fats & oils	207x
	01 Food & tobacco	19	19	Malt & malt beverages, alcoholic bev.	2082 2083 2084 2085
	01 Food & tobacco	21	21	Soft drinks & flavourings	2080 2086 2087
	01 Food & tobacco	22	22	Miscellaneous preproduced food	2090 2095 2098 2099
01 Food & tobacco	23	23	Tobacco products	21xx	
4 Low-tech	02 Textiles, apparel & footwear	24	--	Textile mill products	22xx excl. 2270 2273
	02 Textiles, apparel & footwear	27	--	Rugs	2270 2273
	02 Textiles, apparel & footwear	34	--	Apparel	23xx 3965
	02 Textiles, apparel & footwear	62	--	Footwear, rubber & leather	3021 314x
	02 Textiles, apparel & footwear	163	--	Leather & leather products	310x-313x 315x 316x 317x 319x 3961
4 Low-tech	03 Lumber & wood products	25	25	Logging & sawmills	241x 242x
	03 Lumber & wood products	26	26	Millwork, veneer & plywood	243x 2450 2451 2452
	03 Lumber & wood products	33	--	Wood products	244x 249x
4 Low-tech	04 Furniture	28	--	Household furniture	251x
	04 Furniture	29	29	Office furniture	252x
	04 Furniture	30	30	Shelving, lockers, office & store fixtures	253x 254x 259x
4 Low-tech	05 Paper & paper products	31	31	Pulp, paper & paperboard mills	261x 262x 263x
	05 Paper & paper products	32	32, 35, 36	Industrial paper & paper products	2600 264x 265x 266x
	05 Paper & paper products	39	--	Converted paper - household use	267x
4 Low-tech	06 Printing & publishing	37	37	Commercial printing	275x 2796
	06 Printing & publishing	38	--	Printing & publishing	27xx excl. 275x 2796
2 Stable tech (Long horizon)	07 Chemical products	40	39, 40, 41	Industrial inorganic chemicals	281x
	07 Chemical products	42	42, 43, 44	Plastic materials & resins	282x
	07 Chemical products	48	48	Paints & allied products	285x
	07 Chemical products	49	49	Industrial organic chemicals	286x
	07 Chemical products	50	50, 51	Fertilizer	287x
	07 Chemical products	52	52	Explosives & misc. chemicals	289x
2 Stable tech (Long horizon)	08 Petroleum refining & prods	51	--	Asphalt, roofing & misc coal/oil prods	2950 2951 2952 2990 2992 2999
	08 Petroleum refining & prods	53	53	Petroleum & refining	291x 1311 1389
3 Stable tech (Short horizon)	09 Plastics & rubber prods	54	54	Tires & innertubes	301x
	09 Plastics & rubber prods	55	55	Plastic products	307x 3080 3084-3089
	09 Plastics & rubber prods	56	--	Unsupported plastics, films & sheets	3081 3082 3083
	09 Plastics & rubber prods	164	--	Packing & sealing dev. & fab. rubber nec	3050 3051 3052 3053 3060 3061 3069
3 Stable tech	10 Stone, clay & glass	57	57	Glass & glass products	321x 322x 323x

(Short horizon)	10 Stone, clay & glass	58	58	Cement	324x
	10 Stone, clay & glass	59	59	Structural clay products	325x
	10 Stone, clay & glass	60	60	Pottery & related products	326x
	10 Stone, clay & glass	61	61, 62	Concrete, gypsum & related prods	327x
	10 Stone, clay & glass	63	63, 64, 65	Abrasive asbestos & mineral wool prods	329x
2 Stable tech (Long horizon)	11 Primary metal products	66	66	Steelworks, rolling & finishing mills	331x
	11 Primary metal products	67	67	Iron & steel foundries	332x
	11 Primary metal products	70	--	Primary metal products	339x
	11 Primary metal products	71	71	Prim aluminum smltg, reg, roll, & draw	3334 3353 3354 3355
	11 Primary metal products	72	68,69,70,72	Primary smeltg & refining (non-ferrous)	3330 3331 3332 3333 3339
	11 Primary metal products	73	73	Secondary smeltg & refining (non-fer.)	334x
	11 Primary metal products	74	74	Rolling, drawing, & extruding of nonferr.	3350 3351 3356
	11 Primary metal products	75	75	Drawing & insulating of nonfer. wires	3357
3 Stable tech (Short horizon)	12 Fabricated metal products	77	77	Metal cans & containers	3411 3412
	12 Fabricated metal products	78	78, 79	Cutlery & hand tools	342x
	12 Fabricated metal products	80	80	Heating equipment & plumbing fix.	3430 3431 3432 3433 3437 3467
	12 Fabricated metal products	81	81, 82, 83	Fabricated structural metal	344x
	12 Fabricated metal products	84	84	Screw machine products, bolts, nuts	345x
	12 Fabricated metal products	85	85	Metal forgings, plating & coating	346x 347x
	12 Fabricated metal products	86	--	Wire springs & misc. metal prods.	3495-3499
	12 Fabricated metal products	89	89	Ordnance & accessories	348x
2 Stable tech (Long horizon)	12 Fabricated metal products	90	90	Valves & pipe fittings	3490 3491 3492 3493 3494
	13 Machinery & engines	91	91, 92	Turbines, generators, & combustion eng.	351x
	13 Machinery & engines	93	93	Lawn, garden & farm mach. & equip.	3523 3524
	13 Machinery & engines	95	95, 96	Const. & mining mach. & equip.	3530 3531 3532
	13 Machinery & engines	97	97	Oilfield machinery	3533 3534
	13 Machinery & engines	99	99	Conveyors, ind. trucks&cranes, monorails	3535 3536 3537
	13 Machinery & engines	102	102, 103	Mach. tools, metalworking eq. & acc.	354x excl. 3548
	13 Machinery & engines	104	104	Special industrial machinery	3550 3559
	13 Machinery & engines	105	105	Food prods & packaging machinery	3556 3565
	13 Machinery & engines	106	106	Textile machinery	3552
	13 Machinery & engines	108	108	Wood & paper industry machinery	3553 3554
	13 Machinery & engines	109	109	Printing trades machinery & equip.	3555
	13 Machinery & engines	110	110	Pumps & pumping equip.	3561 3586 3594
	13 Machinery & engines	111	111	Ball & roller bearings	3562
	13 Machinery & engines	112	112, 113	Compressors, exhaust., & ventilation fans	3563 3564 3634
	13 Machinery & engines	113	--	General industrial machinery	3560 3568 3569 359x
	13 Machinery & engines	114	114	Ind. high drives, changers & gears	3566
	13 Machinery & engines	115	115	Industrial process furnace ovens	3567 3558
13 Machinery & engines	118	118	Scales & balances excl. laboratory	3596	
13 Machinery & engines	123	--	General office machines	3579	
1 High-tech	14 Computers & comp. equip.	116	116	Electronic computing equipment	3570-3573 3575 3576 3577
	14 Computers & comp. equip.	117	--	Calculating machines excl. comp.	3578
1 High-tech	15 Electrical machinery	119	119	Refrigerating & heating equip. (comml)	3580-3582 3585 3589 3596
	15 Electrical machinery	120	120	Power distribution & transformers	3612
	15 Electrical machinery	121	121	Switchgear & switchboard apparatus	3613
	15 Electrical machinery	122	122	Motors, generators & industrial controls	3600 3620 3621 3622 3625
	15 Electrical machinery	124	--	Electronic & electric coils & connectors	3524 3677
	15 Electrical machinery	126	126	Household refrigerators & freezers	3630 3631 3632 3633 3635 3639
	15 Electrical machinery	128	128	Lighting fixtures & equipment	3640 3641 36425 3646 3647 3648
	15 Electrical machinery	134	134	Primary & storage batteries	3691 3692 3693
	15 Electrical machinery	135	135	Engine elctrical equipment & misc	3694 3699

	15 Electrical machinery	137	--	Electronic & electric connections	3643 3644 3678
1 High-tech	16 Electronic inst. & comm. eq.	125	--	Electronic signaling & alarm systems	3669
	16 Electronic inst. & comm. eq.	127	--	Radio & TV broadcasting sets	3663
	16 Electronic inst. & comm. eq.	129	129	Radio & TV receiving sets	3651
	16 Electronic inst. & comm. eq.	130	130	Records, magnetic, & optical recording	3652 3690 3695
	16 Electronic inst. & comm. eq.	131	--	Communication equipment	3661 3662 3669 4810 4812 4813
	16 Electronic inst. & comm. eq.	132	132	Electron tubes	3671
	16 Electronic inst. & comm. eq.	133	133	Semiconductors & printed circuit boards	3672 3674 3675 3676
	16 Electronic inst. & comm. eq.	138	--	Electronic components, computer acc.	3670 3679
	16 Electronic inst. & comm. eq.	147	147	Engineering scientific instruments	381x
	16 Electronic inst. & comm. eq.	148	148	Measuring & controlling devices	382x
1 High-tech	17 Transportation equipment	141	141, 142	Aircraft parts & engines	3720 3721 3724 3728
	17 Transportation equipment	143	143	Ship & boat building & repairing	373x 3795
	17 Transportation equipment	144	144	Railroad equipment	374x
	17 Transportation equipment	145	145	Complete guided missiles, aerospace	376x
2 Stable tech (Long horizon)	18 Motor vehicles	136	136	Motor vehicles	3711 3713 3715 3799
	18 Motor vehicles	140	--	Motor homes	3716 3792
	18 Motor vehicles	146	--	Motorcycles & bicycles	3751 3790
1 High-tech	19 Optical & medical instruments	149	149	Optical instruments & lenses	3827
	19 Optical & medical instruments	150	150	Dental equipment & supplies	3843
	19 Optical & medical instruments	151	151	Surg. & med. inst., appliances, & supplies	3840 3841 3842
	19 Optical & medical instruments	152	--	X-ray apparatus	3844
	19 Optical & medical instruments	153	153	Photographic equipment & supplies	3861
	19 Optical & medical instruments	154	-	Electromedical apparatus	3845
1 High-tech	20 Pharmaceuticals	45	45	Pharmaceuticals	283x
	20 Pharmaceuticals	155	--	Ophthalmic goods	3851
4 Low-tech	21 Misc. manufacturing	156	--	Musical instruments	3931
	21 Misc. manufacturing	157	157	Sporting & athletic goods	3949
	21 Misc. manufacturing	158	158	Dolls, games & toys	3942 3944
	21 Misc. manufacturing	159	159	Pens, pencils, & other office & artists mat.	395x
	21 Misc. manufacturing	160	--	Misc. manufacturing industries	399x
	21 Misc. manufacturing	162	--	Jewelry & watches	3873 3910 3911 3914 3915 396x
3 Stable tech (Short horizon)	22 Soap & toiletries	46	46	Perfumes & toilet prods.	2844
	22 Soap & toiletries	47	47	Soaps & cleaning products	2840-2843
3 Stable tech (Short horizon)	23 Auto parts	139	139	Motor vehicle parts & accessories	3714

Chandler segment: 4 industry segments from Al Chandler (Business History Review, Summer 1994).

IND: Corresponds roughly to the old ARDSIC (Bound et al) but with soap and auto parts broken out for Chandler's segments.

IDS: Hall-Vopel industries, based on the old Scherer-Levin classification (used in Levin-Reiss and Yale survey stuff).

IDS (old) : correspondence to Scherer-Levin

SIC: 4-digit sic, using 1987 codes, but roughly corresponding to those in use by Compustat, although not all will be populated.