

APPENDIX 1
ALIGNMENT BETWEEN HOUSEHOLD EXPENDITURE CATEGORIES
AND INPUT-OUTPUT INDUSTRY GROUPS

EXPENDITURE CATEGORIES	INPUT-OUTPUT INDUSTRY GROUPS
1. TOTAL CONSUMPTION	1. PRIMARY AGRICULTURAL PRODUCTS (1) PADDY (2) MAIZE (3) OTHER CEREALS (4) CASSAVA (9) SUGARCANE (12) KENAF AND JUTE (14) TOBACCO (15) COFFEE AND TEA (16) RUBBER (17) OTHER AGRICULTURAL PRODUCTS (24) AGRICULTURAL SERVICES (25) LOGGING (27) OTHER FOREST PRODUCTS
2. TOTAL CONSUMPTION	2. LIVESTOCKS (18) CATTLE AND BUFFALO (19) SWINE (20) OTHER LIVESTOCK (21) POULTRY (23) SILK WORM (61) ANIMAL FEED
3. TOTAL CONSUMPTION	3. MINING AND QUARRYING (30) COAL AND LIGNITE (31) CRUDE PETROLEUM AND NATURAL GAS (32) IRON ORE (33) TIN ORE (34) TUNGSTEN ORE (35) OTHER NON-FERROUS METALS (36) FLUORITE (37) CHEMICAL FERTILIZER (CRUDE) (39) LIMESTONE (40) STONE QUARRYING (40) OTHER MINING AND QUARRYING
4. GRAINS AND CEREAL PRODUCTS	4. GRAINS AND CEREAL PRODUCTS (49) RICE MILLING (50) TAPIOCA MILLING (51) GRINDING OF MAIZED (52) FLOUR AND OTHER GRAIN MILLING (53) BAKERY PRODUCTS (54) NOODLES AND SIMILAR PRODUCTS
5. MEAT AND POULTRY	5. SLAUGHTERING AND PRESERVATION OF MEAT (42) SLAUGHTERING (43) CANNING AND PRESERVATION OF MEAT
6. FISH AND SEAFOOD	6. FISH AND PRESERVATION OF FISH (28) OCEAN AND COASTAL FISHING

APPENDIX 1 (CONTINUED)

EXPENDITURE CATEGORIES	INPUT-OUTPUT INDUSTRY GROUPS
	(29) INLAND FISHING
	(46) CANNING AND PRESERVATION OF FISH AND OTHER SEAFOOD
7. MILK, CHEESE, AND EGGS	7. DAIRY PRODUCTS AND POULTRY PRODUCTS
	(22) POULTRY PRODUCTS
	(44) DAIRY PRODUCTS
8. OILS AND FATS	8. OILS AND FATS
	(47) COCONUT AND PALM OILS
	(48) ANIMAL OIL, ANIMAL FAT, VEGETABLE OIL AND BY-PRODUCTS
9. FRUITS, NUTS AND VEGETABLES	9. FRUITS, NUTS AND VEGETABLES
	(5) OTHER ROOT CROPS
	(6) BEANS AND NUTS
	(7) VEGETABLES
	(8) FRUITS
	(10) COCONUT
	(45) CANNING AND PRESERVATION OF FRUITS AND VEGETABLES
10. SUGAR AND SWEETS	10. SUGAR AND SWEETS
	(55) SUGAR
	(56) CONFECTIONERY
11. SPICE, SALT, ETC., PREPARED FOOD	11. SPICE, SALT, ETC., AND PREPARED FOOD
	(38) SALT EVAPORATION
	(58) MONOSODIUM GLUTAMATE
	(60) OTHER FOOD PRODUCTS
12. NON-ALCOHOLIC BEVERAGES	12. NON-ALCOHOLIC BEVERAGES
	(57) ICE
	(59) COPPEE AND TEA
	(64) SOFT DRINKS
13. ALCOHOLIC BEVERAGES AND FOOD AWAY FROM HOME	13. ALCOHOLIC BEVERAGES AND FOOD AWAY FROM HOME
	(62) DISTILLING AND BLENDING SPIRITS
	(63) BREWERIES
	(147) RESTAURANTS AND DRINKING PLACES
14. TOBACCO PRODUCTS	14. TOBACCO PRODUCTS
	(65) TOBACCO PROCESSING
	(66) TOBACCO PRODUCTS
15. TEXTILE AND LEATHER PRODUCTS	15. TEXTILE AND LEATHER PRODUCTS
	(67) SPINNING
	(68) WEAVING
	(69) TEXTILE BEACHING AND FINISHING
	(70) MADE-UP TEXTILE GOODS
	(71) KNITTING
	(72) WEARING APPAREL
	(73) CARPETS AND RUGS
	(74) JUTE MILL PRODUCTS
	(75) TANNERIES AND LETHER FINISHING

APPENDIX 1 (CONTINUED)

EXPENDITURE CATEGORIES	INPUT-OUTPUT INDUSTRY GROUPS
	(67) LEATHER PRODUCTS
	(77) FOOTWEAR, EXCEPT OF RUBBER
	(132) JEWERY AND RELATED PRODUCTS
16. READING MATERIALS	16. PRINTING AND PUBLISHING
	(83) PRINTING AND PUBLISHING
17. TOTAL CONSUMPTION	17. CONSTRUCTION
	(139) NON-RESIDENTIAL BUILDING CONSTRUCTION
	(140) PUBLIC WORKS FOR AGRICULTURE AND FORESTRY
	(141) NON-AGRICURAL PUBLIC WORKS
	(142) CONSTRUCTION OF ELECTRIC PLANTS
	(143) CONSTRUCTION OF COMMUNICATION FACILITIES
	(144) OTHER CONSTRUCTIONS
18. HOUSING AND SHELTER REPAIRS	18. HOUSING AND SHELTER REPAIRS
	(73) SAW MILLS
	(78) PAINTS AND VANISHES
	(101) STRUCTURAL CLAY PRODUCTS
	(102) CEMENT
	(103) CONCRETE AND CEMENT PRODUCTS
	(104) OTHER NON-METALLIC PRODUCTS
	(138) RESIDENTIAL BUILDING
	(148) HOTEL AND LODGING
	(163) REAL ESTATE
19. TOTAL CONSUMPTION	19. BASIC CHEMICAL PRODUCTS
	(84) BASIC INDUSTRIAL CHEMICALS
	(85) FERTILIZERS AND PESTICIDES
	(86) SYNTHETIC RESINS, PLASTICS
	(95) RUBBER SHEET AND BLOCK RUBBER
20. TOTAL CONSUMPTION	20. BASIC METAL
	(105) IRON AND STEEL
	(106) SECONDARY STEEL PRODUCTS
	(107) NON-FERROUS METAL
	(110) STRUCTURAL METAL PRODUCTS
	(111) OTHER FABRICATED METAL PRODUCTS
21. TOTAL CONSUMPTION	21. INDUSTRIAL MACHINERY
	(112) ENGINES AND TURBINES
	(113) AGRICULTURAL MACHINERY AND EQUIPMENTS
	(114) WOOD AND METAL WORKING MACHINES
	(115) SPECIAL INDUSTRIAL MACHINERY
	(117) ELECTRICAL INDUSTRIAL MACHINERY AND APPLIANCES
	(120) INSULATED WIRE AND CABLES
	(122) OTHER ELECTRICAL APPARATUS AND SUPPLIES
	(123) SHIP BUILDING AND REPAIRS
	(124) RAILROAD EQUIPMENTS
	(128) AIRCRAFTS
	(129) SCIENTIFIC EQUIPMENTS

APPENDIX 1 (CONTINUED)

EXPENDITURE CATEGORIES	INPUT-OUTPUT INDUSTRY GROUPS
22. FUEL, LIGHT AND WATER	22. FUEL, LIGHT AND WATER (26) CHARCOAL AND FIREWOOD (91) MATCHES (135) ELECTRCITY (136) DISTRIBUTION OF NATURAL GAS (136) WATER WORKS AND SUPPLIES
23. VEHICLE OPERATIONS	23. PETROLEUM PRODUCTS AND MOTOR VEHICLE REPAIRS (93) PETROLEUM REFINERIES (94) OTHER PETROLEUM PRODUCTS (127) REPAIRING OF MOTOR VEHICLES
24. HOUSEHOLD MINOR EQUIPMENTS	24. HOUSEHOLD MINOR EQUIPMENTS (79) WOOD AND CORK PRODUCTS (81) PULP, PAPER AND PAPER BOARD (82) PAPER PRODUCTS (97) OTHER RUBBER PRODUCTS (98) PLASTIC WARES (99) CERAMIC AND EARTHEN WARES (100) GLASS AND GLASS PRODUCTS (108) CUTLERIES AND HANDTOOLS
25. HOUSEHOLD MAJOR EQUIPMENTS	25. HOUSEHOLD MAJOR EQUIPMENTS (80) FURNITURES AND FIXTURES, WOOD (109) FURNITURES AND FIXTURES, METAL (116) OFFICE AND HOUSEHOLD MACHINERY (118) RADIO AND TELEVISION (119) HOUSEHOLD ELECTRICAL APPLIANCES (177) REPAIRS
26. CLEANING SUPPLIES	26. CLEANING SUPPLIES (89) SOAP AND CLEANING PREPARATIONS (92) OTHER CHEMICAL PRODUCTS (166) SANITARY AND SIMILAR PRODUCTS
27. PERSONAL SERVICES	27. PERSONAL SERVICES (178) PERSONAL SERVICES
28. MEDICAL SUPPLIES	28. MEDICAL SUPPLIES (88) DRUGS AND MEDICINES
29. MEDICAL SERVICES	29. MEDICAL SERVICES (169) HOSPITAL
30. PERSONAL CARE SUPPLIES	30. PERSONAL CARE SUPPLIES (90) COSMETICS
31. TRANSPORTATION	31. TRANSPORTATION (149) RAILWAYS (150) ROAD PASSENGER TRANSPORT (151) ROAD FREIGHT TRANSPORT (152) LAND TRANSPORT SUPPORT SERVICES

APPENDIX 1 (CONTINUED)

EXPENDITURE CATEGORIES	INPUT-OUTPUT INDUSTRY GROUPS
	(153) OCEAN TRANSPORT
	(154) COASTAL AND INLAND TRANSPORT
	(155) WATER TRANSPORT SERVICES
	(156) AIR TRANSPORT
	(157) OTHER TRANSPORT SERVICES
	(158) STORAGE AND WAREHOUSING
32. COMMUNICATIONS	32. COMMUNICATIONS
	(159) POSTAL AND TELECOMMUNICATIONS
33. VEHICLE PURCHASES	33. VEHICLES AND RELATED PARTS
	(96) TYRES AND TUBES
	(121) ELECTRICAL ACCUMULATIONS
	(125) MOTOR VEHICLES
	(126) MOTOR CYCLES AND BICYCLES
34. RECREATION (ADMISSION FEES)	34. RECREATIONAL SERVICES
	(172) MOTION PICTURE PRODUCTION
	(173) MOVIE THEATRES
	(174) RADIO, TELEVISION AND RELATED SERVICES
	(175) LIBRARIES AND MUSEUMS
	(176) AMUSEMENT AND RECREATION
35. RECREATION EQUIPMENTS	35. RECREATION EQUIPMENTS
	(130) PHOTOGRAPHIC AND OPTICAL GOODS
	(133) SPORTING AND ATHLETIC GOODS
	(134) OTHER MANUFACTURING GOODS
36. EDUCATION	36. EDUCATION
	(167) EDUCATION
	(168) RESEARCH AND SCIENTIFIC
37. INSURANCE	37. INSURANCE
	(161) LIFE INSURANCE
	(168) NON-LIFE INSURANCE
38. MISCELLANEOUS SERVICES	38. MISCELLANEOUS SERVICES
	(160) BANKING SERVICES
	(164) BUSINESS SERVICES
	(170) BUSINESS AND LABOR ASSOCIATION
	(171) OTHER COMMUNITY SERVICES
39. TOTAL CONSUMPTION	39. OTHERS
	(145) WHOLESALE TRADE
	(146) RETAIL TRADE
	(165) PUBLIC ADMINISTRATION
	(180) UNCLASSIFIED

SOURCE: GROUPED FROM NSO'1986 SOCIO-ECONOMIC SURVEY AND 1982 THAI INPUT-OUTPUT TABLE.
NUMBERS IN PARENTHESES ARE REFERRED TO THE ORIGINAL INPUT-OUTPUT CLASSIFICATIONS