

VENTURE ECONOMICS CODES

1. COMMUNICATIONS

- 1.1. Commercial Communications**
 - 1.1.1. Radio and TV broadcasting stations
 - 1.1.2. CATV and pay TV systems
 - 1.1.3. Radio and TV broadcasting and other related equipment
 - 1.1.4. Other commercial communications
- 1.2. Telephone Related**
 - 1.2.1. Long distance telephone services
 - 1.2.2. Telephone interconnect and other equipment
 - 1.2.3. Message forwarding, queuing and answering systems, telephone management systems and PBXs
 - 1.2.4. Other telephone related (including telephone cost accounting systems, telephone related telephone test systems and telephone answering service equipment)
- 1.3. Facsimile Transmission**
- 1.4. Data Communications**
 - 1.4.1. Local area networks (including voice/data PBX systems)
 - 1.4.2. Data communication components
 - 1.4.3. Communications processors/network management
 - 1.4.4. Protocol converters and emulators
 - 1.4.5. Modems and multiplexers
 - 1.4.6. Other data communication components
 - 1.4.7. Network test, monitoring and support equipment
 - 1.4.8. Other data communications
- 1.5. Satellite Microwave Communications**
 - 1.5.1. Satellite services/carriers/operators
 - 1.5.2. Satellite ground (and others) equipment
 - 1.5.3. Microwave service facilities
 - 1.5.4. Microwave and satellite components (including antennae and amplifiers)
 - 1.5.5. Other satellite/microwave
- 1.6. Other Communications Related**
 - 1.6.1. Defence communications
 - 1.6.2. Mobile communications, pagers and cellular radio
 - 1.6.3. Other communications (not elsewhere classified)
 - 1.6.4. Communications services

2. COMPUTER RELATED

- 2.1. Computers**
 - 2.1.1. Mainframe and scientific computers
 - 2.1.2. Mainframes
 - 2.1.3. Scientific computers
 - 2.1.4. Mini and micro computers
 - 2.1.5. Fail safe computers
 - 2.1.6. Mini computers (small business)
 - 2.1.7. Micro computers (personal and very small)
 - 2.1.8. Other mini and micro computers
- 2.2. Computer Graphics Related**
 - 2.2.1. CAD/CAM, CAE systems
 - 2.2.2. Graphics systems
 - 2.2.3. Graphics software
 - 2.2.4. Graphics terminals
 - 2.2.5. Graphics printers/plotters
 - 2.2.6. Other graphics peripherals
 - 2.2.7. Other computer graphics

2.3. Specialised Turnkey Systems

2.4. Scanning Related

- 2.4.1. OCR (optical character recognition)
- 2.4.2. OBR (optical bar recognition)
- 2.4.3. MICR (magnetic ink character recognition)
- 2.4.4. Other scanning related (including optical mark sensing and image processing)

2.5. Peripherals

- 2.5.1. Terminals
- 2.5.2. Intelligent terminals
- 2.5.3. Portable terminals
- 2.5.4. Other terminals
- 2.5.5. Printers
- 2.5.6. Data I/O devices
- 2.5.7. Disk related memory devices
- 2.5.8. Floppy disks and drives
- 2.5.9. Winchester disks and drives
- 2.5.10. Optical disks and drives
- 2.5.11. Other disk related
- 2.5.12. Tape related devices
- 2.5.13. Magnetic tapes
- 2.5.14. Tape heads and drives
- 2.5.15. Continuous tape backup systems
- 2.5.16. Other tape related devices
- 2.5.17. Other memory devices (excluding semiconductors)
- 2.5.18. Other peripherals (not elsewhere classified)

2.6. Computer Services

- 2.6.1. Time sharing films
- 2.6.2. Computer leasing and rentals
- 2.6.3. Computer training services
- 2.6.4. Data processing, analysis and input services
- 2.6.5. Computerised billing and accounting services
- 2.6.6. Databases and on-line information services
- 2.6.7. Other computer services

2.7. Computer Software

- 2.7.1. Systems software
- 2.7.2. Database and file management
- 2.7.3. Operating systems and utilities
- 2.7.4. Program development tools/languages
- 2.7.5. Communications/networking
- 2.7.6. Other system software
- 2.7.7. Applications software
- 2.7.8. Business and office
- 2.7.9. Home
- 2.7.10. Education
- 2.7.11. Manufacturing/industrial
- 2.7.12. Medical/health
- 2.7.13. Banks/financial institutions
- 2.7.14. Other industry specific
- 2.7.15. Integrated software
- 2.7.16. Artificial intelligence related software
- 2.7.17. Expert systems
- 2.7.18. Natural language
- 2.7.19. Computer-aided instructions
- 2.7.20. AI programming aids
- 2.7.21. Other AI related
- 2.7.22. Software services
- 2.7.23. Programming services/systems engineering
- 2.7.24. Consulting services
- 2.7.25. Distribution, clearing house
- 2.7.26. Other software services
- 2.7.27. Other software related

2.8. Other Computer Related

- 2.8.1. Voice synthesis
- 2.8.2. Voice recognition

3. OTHER ELECTRONICS RELATED

3.1. Electronic Components

- 3.1.1. Semiconductors
- 3.1.2. Customised semiconductors
- 3.1.3. Standard semiconductors
- 3.1.4. Other semiconductors
- 3.1.5. Microprocessors
- 3.1.6. Controllers
- 3.1.7. Circuit boards
- 3.1.8. Display panels
- 3.1.9. Other electronics related (including keyboards)

3.2. Batteries

3.3. Power Supplies

3.4. Electronics Related Equipment

- 3.4.1. Semiconductor fabrication equipment and water products
- 3.4.2. Components testing equipment
- 3.4.3. Other electronics related equipment

3.5. Laser Related

3.6. Fibre Optics

3.7. Analytical and Scientific Instrumentation

- 3.7.1. Chromatographs and related laboratory equipment (including spectrometers)
- 3.7.2. Other measuring devices (including infrared gas analysers, moisture analysers)
- 3.7.3. Other analytical and scientific instrumentation

3.8. Other Electronics Related

- 3.8.1. Military electronics (excluding communications)
- 3.8.2. Copiers
- 3.8.3. Calculators
- 3.8.4. Other electronics related (including alarm systems)

4. GENETIC ENGINEERING / MOLECULAR BIOLOGY

4.1. Recombinant DNA

- 4.1.1. Agricultural genetic engineering applications
- 4.1.2. Industrial genetic engineering applications
- 4.1.3. Medical genetic engineering applications
- 4.1.4. Other recombinant DNA

4.2. Monoclonal Antibodies and Hybridomas

4.3. Gene Splicing and Manufacturing Equipment

4.4. Other Genetic Engineering

5. MEDICAL / HEALTH RELATED

5.1. Diagnostic

- 5.1.1. Diagnostic services
- 5.1.2. Medical imaging
- 5.1.3. X-rays
- 5.1.4. CAT scanning
- 5.1.5. Ultrasound imaging
- 5.1.6. Nuclear imaging
- 5.1.7. Other
- 5.1.8. Diagnostic test products and equipment
- 5.1.9. Other diagnostic

5.2. Therapeutic

- 5.2.1. Therapeutic services
- 5.2.2. Surgical instrumentation and equipment

- 5.2.3. Pacemakers and artificial organs
- 5.2.4. Drug delivery and other equipment (including kidney dialysis machines)
- 5.2.5. Other therapeutic (including defibrillators)

5.3. Other Medical / Health Related

- 5.3.1. Disposable products
- 5.3.2. Pharmaceuticals/fine chemicals
- 5.3.3. Handicap aids
- 5.3.4. Monitoring equipment
- 5.3.5. Hospital and other institutional management (including management services and leasing)
- 5.3.6. Other medical/health related (not elsewhere classified)

6. ENERGY

6.1. Oil and Gas Exploration and Production

6.2. Exploration Services

6.3. Drilling and Support Services

6.4. Oil and Gas Drilling, Exploration and Extraction Equipment

- 6.4.1. Drilling and extraction equipment
- 6.4.2. Drilling instrumentation
- 6.4.3. Exploration equipment instrumentation
- 6.4.4. Other oil and gas

6.5. Alternative Energy

- 6.5.1. Solar energy
- 6.5.2. Photovoltaic solar
- 6.5.3. Other solar
- 6.5.4. Wind energy
- 6.5.5. Geothermal energy
- 6.5.6. Co-generation
- 6.5.7. Other alternative energy (including nuclear energy and uranium mining)

6.6. Enhanced Oil Recovery/Heavy Oil/Shale

6.7. Coal Related

- 6.7.1. Coal mining
- 6.7.2. Coal related equipment
- 6.7.3. Other coal related

6.8. Energy Conservation Related

6.9. Other Energy

7. CONSUMER RELATED

7.1. Leisure and Recreational Products and Services

- 7.1.1. Movies, movie products and theatre operations
- 7.1.2. Amusement and recreational facilities
- 7.1.3. Toys and electronic games
- 7.1.4. Sporting goods, hobby equipment and athletics clothes
- 7.1.5. Sport facilities (gyms and clubs)
- 7.1.6. TV's, radio, stereo equipment and consumer electronics
- 7.1.7. Music, records, production and instruments
- 7.1.8. Other leisure and recreational products and services

7.2. Retailing

- 7.2.1. Drug stores
- 7.2.2. Clothing and shoe stores
- 7.2.3. Discount stores
- 7.2.4. Computer stores
- 7.2.5. Other retailing

7.3. Food and Beverages

- 7.3.1. Wine and liquors
- 7.3.2. Health food
- 7.3.3. Soft drinks and bottling plants
- 7.3.4. Food supplements/vitamins
- 7.3.5. General food products
- 7.3.6. Other food and beverages

7.4. Consumer products

- 7.4.1. Clothing, shoes and accessories (including jewellery)
- 7.4.2. Health and beauty aids
- 7.4.3. Home furnishing and house wares
- 7.4.4. House wares
- 7.4.5. Furnishing and Furniture
- 7.4.6. Garden and horticultural products
- 7.4.7. Other
- 7.4.8. Automobile parts
- 7.4.9. Mobile homes
- 7.4.10. Other consumer products

7.5. Consumer Services

- 7.5.1. Fast food restaurants
- 7.5.2. Other restaurants
- 7.5.3. Hotels and resorts
- 7.5.4. Auto repair shops
- 7.5.5. Education and educational products and materials
- 7.5.6. Travel agencies and services
- 7.5.7. Other consumer services (including photo processing)

7.6. Other Consumer Related (not elsewhere classified)

8. INDUSTRIAL PRODUCTS

8.1. Chemicals and Materials

- 8.1.1. Plastic fabricators
- 8.1.2. Homogeneous injections/extrusions
- 8.1.3. Non-homogeneous injections/extrusions
- 8.1.4. Fibre-reinforced (plastic) composites
- 8.1.5. Other fabricated plastics
- 8.1.6. Processes for working with plastics
- 8.1.7. Coatings and adhesives manufactures
- 8.1.8. Membranes and membrane-based products
- 8.1.9. Speciality/performance materials: producers and fabricators
- 8.1.10. Semiconductor materials (e.g. silicon wafers)
- 8.1.11. III/V semiconductor materials (e.g. gallium arsenide)
- 8.1.12. Speciality metals (including processes for working with metals)
- 8.1.13. Ceramics
- 8.1.14. Lubricants and functional fluids
- 8.1.15. Other speciality materials
- 8.1.16. Commodity chemicals and polymers
- 8.1.17. Industrial chemicals
- 8.1.18. Polymer (plastics) materials
- 8.1.19. Speciality/performance chemicals
- 8.1.20. Electronic chemicals
- 8.1.21. Other speciality chemicals
- 8.1.22. Agricultural chemicals
- 8.1.23. Other chemicals and materials (not elsewhere classified)

8.2. Industrial Automation

- 8.2.1. Energy management
- 8.2.2. Industrial measurement and sensing equipment
- 8.2.3. Process control equipment and systems
- 8.2.4. Robotics
- 8.2.5. Machine vision software and systems

- 8.2.6. Numeric and computerised control of machine tools
- 8.2.7. Other industrial automation

8.3. Industrial Equipment and Machinery

- 8.3.1. Machine tools, other metal working equipment (excluding numeric control)
- 8.3.2. Hoists, cranes and conveyors
- 8.3.3. Mining machinery
- 8.3.4. Industrial trucks and tractors
- 8.3.5. Other industrial process machinery for textile, paper and other industries
- 8.3.6. Power transmission equipment (including generators and motors)
- 8.3.7. Other industrial equipment and machinery

8.4. Pollution and Recycling Related

- 8.4.1. Air filters and air purification and monitoring equipment
- 8.4.2. Chemical and solid material recycling
- 8.4.3. Water treatment equipment and waste disposal systems
- 8.4.4. Other pollution and recycling related

8.5. Other Industrial Products (not elsewhere classified)

8.6. Industrial Services

9. OTHER

9.1. Transportation

- 9.1.1. Airlines
- 9.1.2. Trucking
- 9.1.3. Leasing of railcars, buses, cars, etc.
- 9.1.4. Mail and package shipment
- 9.1.5. Motor vehicles, transportation equipment and parts
- 9.1.6. Airfield and other transportation services
- 9.1.7. Other transportation

9.2. Finance, Insurance and Real Estate

- 9.2.1. Insurance related
- 9.2.2. Real estate
- 9.2.3. Banking
- 9.2.4. Security and commodity brokers and services
- 9.2.5. Investment groups
- 9.2.6. Other finance, insurance and real estate (including loan and mortgage companies)

9.3. Services

- 9.3.1. Engineering services
- 9.3.2. Advertising and public relations
- 9.3.3. Leasing (not elsewhere classified)
- 9.3.4. Distributors, importers and wholesalers
- 9.3.5. Consulting services
- 9.3.6. Media related services
- 9.3.7. Other services (not elsewhere classified)

9.4. Manufacturing

- 9.4.1. Business products and supplies
- 9.4.2. Office furniture and other professional furnishings
- 9.4.3. Textiles (synthetic and natural)
- 9.4.4. Hardware, plumbing supplies
- 9.4.5. Books, cards and other publishing
- 9.4.6. Packing products and systems
- 9.4.7. Printing and binding
- 9.4.8. Other manufacturing (not elsewhere classified)

9.5. Agriculture, Forestry, Fishing, Animal Husbandry and Related Products

9.6. Mining (non-energy-related)

9.7. Construction and Building Products

- 9.7.1. Construction
- 9.7.2. Manufacture of building materials
- 9.7.3. Manufacture of pre-fabricated buildings and systems
- 9.7.4. Distribution of building products and systems
- 9.7.5. Construction services
- 9.7.6. Other construction and building products related

9.8. Utilities and Related Firms

- 9.8.1. Electric companies
- 9.8.2. Water, sewerage, chemical and solid waste treatment plants
- 9.8.3. Gas transmission and distribution
- 9.8.4. Other utilities and related firms

9.9. Other (uncategorized)

- 9.9.1. Conglomerates and holding companies