

Visualizing Outcome Inconsistency at the USPTO

Group	Grant Rate	Std Dev	Desc
1780	44%	26%	Food, Miscellaneous Articles, Stock Material
1790	40%	23%	Food, Analytical Chemistry, Sterilization, Biochemistry
37E	58%	23%	Medical Instruments, Diagnostic Equipment, and Treatment Devices
2140- 2170	46%	22%	Graphical User Interface and Document Processing
2150- 2160	64%	22%	Data Bases & File Management
2620	63%	22%	Selective Visual Display Systems
37A	57%	22%	Amusement and Education Devices
37I	49%	22%	Refrigeration, Vaporization, Ventilation, and Combustion
1720	62%	21%	Fuel Cells, Battery, Flammable Gas, Electrophotography, Photolithography
1750	41%	21%	Electrochemistry, Solar Cells, Thermoelectrics
2440- 2450	66%	21%	Computer Networks
1630	48%	20%	Molecular Biology, Bioinformatics, Nucleic Acids, Recombinant DNA and RNA, Gene Regulation, Nucleic Acid Amplification, Animals and Plants, Combinatorial/ Computational Chemistry
1650	51%	20%	Fermentation, Microbiology, Isolated and Recombinant Proteins/Enzymes
1710	53%	20%	Coating, Etching, Cleaning, Single Crystal Growth
1770	63%	20%	Chemical Apparatus, Separation and Purification, Liquid and Gas Contact Apparatus
37B	52%	20%	Sheet Container Making, Package Making, Receptacles, Shoes, Apparel, and Tool Driving or Impacting
37D	59%	20%	Medical and Surgical Instruments, Treatment Devices, Surgery and Surgical Supplies
37F	59%	20%	Body Treatment, Kinestherapy, and Exercising
1730	66%	19%	Metallurgy, Metal Working, Inorganic Chemistry, Catalyst
2120	71%	19%	Miscellaneous Computer Applications
2130	71%	19%	Memory Access and Control
2480	57%	19%	Recording and Compression

2610	68%	19%	Computer Graphic Processing, 3D Animation, Display Color Attribute, Object Processing, Hardware and Memory
2690	60%	19%	Selective Visual Display Systems
3620	22%	19%	Business Methods - Incentive Programs, Coupons; Operations Research; Electronic Shopping; Health Care; Point of Sale, Inventory, Accounting; Cost/Price, Reservations, Shipping and Transportation; Business Processing
3640	69%	19%	Aeronautics, Agriculture, Fishing, Trapping, Vermin Destroying, Plant and Animal Husbandry, Weaponry, Nuclear Systems, and License and Review
3690	34%	19%	Business Methods - Finance/Banking/ Insurance
1620	62%	18%	Organic Chemistry
1670	62%	18%	Process, Nucleic acid, Protein, Carbohydrate Chemistries and Diagnostics
1760	65%	18%	Organic Chemistry, Polymers, Compositions
2420	62%	18%	Cable and Television
2670	75%	18%	Facsimile; Printer; Color; halftone; Scanner; Computer Graphic Processing; 3-D Animation; Display Color; Attributes; Object Processing; Hardware and Memory
2680	72%	18%	Telemetry and Code Generation; Vehicles and System Alarms; Selective Communication; Dynamic Storage Systems; Mechanical parts of Disk Drives; Signal Processing and Control Processing in Disk Drives
3680	25%	18%	Business Methods - Incentive Programs, Coupons; Electronic Shopping; Business Cryptography, Voting; Health Care; Point of Sale, Inventory, Accounting; Business Processing, Electronic Negotiation
1660	70%	17%	Plants
2180	79%	17%	Computer Architecture
1610	42%	16%	Organic Compounds: Bio-affecting, Body Treating, Drug Delivery, Steroids, Herbicides, Pesticides, Cosmetics, and Drugs
1740	62%	16%	Tires, Adhesive Bonding, Glass/Paper making, Plastics Shaping & Molding
2190	75%	16%	Interprocess Communication and Software Development
2640	76%	16%	Telecommunications: Analog Radio Telephone; Satellite and Power Control; Transceivers, Measuring and Testing; Bluetooth; Receivers and Transmitters; Equipment Details
2810-2820-2890	81%	16%	Semiconductors/Memory

2850-2860	78%	16%	Printing/Measuring and Testing
2870-2880	75%	16%	Optics
3650	74%	16%	Material and Article Handling
3670	67%	16%	Wells, Earth Boring/Moving/Working, Excavating, Mining, Harvesters, Bridges, Roads, Petroleum, Closures, Connections, and Hardware
37C	67%	16%	Manufacturing Devices and Processes, Machine Tools and Hand Tools
37G	69%	16%	Thermal and Combustion Technology, Motive and Fluid Power Systems
2410-2460-2470	77%	15%	Multiplex and VoIP
2650	74%	15%	Videophones and Telephonic Communications; Audio Signals; Digital Audio Data Processing; Linguistics, Speech Processing and Audio Compression
3660	77%	15%	Computerized Vehicle Controls and Navigation, Radio Wave, Optical and Acoustic Wave Communication, Robotics, and Nuclear Systems
1640	50%	14%	Immunology, Receptor/Ligands, Cytokines Recombinant Hormones, and Molecular Biology
2110	83%	14%	Computer Architecture
2430-2490	75%	14%	Cryptography and Security
2830-2840	77%	14%	Electrical Circuits and Systems
37H	64%	14%	Fluid Handling and Dispensing
3630	63%	13%	Static Structures, Supports and Furniture
2660	81%	11%	Digital Cameras; Image Analysis; Applications; pattern Recognition; Color and Compression; Enhancement and Transformation
2630	84%	10%	Digital and Optical Communications
3610	79%	10%	Surface Transportation