



NTIS Technical Reports Newsletter



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For more than 60 years, we have served as an innovative resource to Federal agencies, businesses and universities looking for high-caliber information. Our mission is straightforward: to support the nation's economic growth by providing access to information that stimulates innovation and discovery.

While you can find information on virtually any subject on the web, there's no guarantee that the information is accurate — or that it has been published by a legitimate source. NTIS undergoes a rigorous process to ensure that all the information we offer is authentic and credible. This integrity, along with the breadth and depth of our collection, is why NTIS is regarded as the nation's preeminent source of government information.

Highlighted Categories

Health Care (44), Medicine & Biology (57) and Biomedical Technology & Human Factors Engineering (95)

This month, we are featuring technical documents recently received and categorized in NTIS Subject Categories 44 - Health Care, 57 - Medicine & Biology and 95 - Biomedical Technology & Human Factors Engineering.

The diversity of the NTIS collection is demonstrated in the *Related Categories* listed for each document. Related categories listed this month include:

- 41 Manufacturing Technology
- 43 Problem Solving Information for State & Local Governments
- 46 Physics
- 47 Ocean Sciences & Technology
- 48 Natural Resources & Earth Sciences
- 49 Electrotechnology
- 57 Medicine & Biology
- 63 Detection & Countermeasures
- 68 Environmental Pollution & Control
- 70 Administration & Management
- 74 Military Sciences
- 79 Ordnance
- 84 Space Technology
- 89 Building Industry Technology
- 91 Urban & Regional Technology & Development
- 92 Behavior & Society
- 96 Business & Economics

The list of new titles in these featured categories begins on the next page.

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U.S. Department of Commerce
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Director's Message

We are gratified with the response our newsletter is generating and thank those of you who have already signed up to continue receiving future editions of the newsletter. If you have not already subscribed, you may do so by clicking this link ntrnews@ntis.gov.

I hope you have taken the opportunity to try our new RSS feeds. There is one for each of our 39 major subject areas and each feed includes a list of all new titles added to the collection within the past week.

With this Newsletter, NTIS is building awareness and understanding of the depth and breadth of Federal Government scientific and technical information available.

If you have suggestions for future topics, or questions about the collection, please contact us at ntrnews@ntis.gov.

Ellen Herbst
Director, NTIS

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Key to Database Fields Used

The following NTIS database fields are used in this short listing of recently acquired technical reports.

NTIS Order Number

Title

Source

Report Year, Page Count

Report Number/ISBN13 (if available)

Related Categories/Sub-categories

(where the document is also indexed)

Category: 44

Health Care

ADA477377

Bridging the Gap in Hospital Preparedness.

Johns Hopkins Hospital, Baltimore, MD;

Department of Defense

2007, 67 pages

Related Categories/Sub-categories:

41I (Job Environment)

44H (Health Care Technology)

57U (Public Health & Industrial Medicine)

95C (Biomedical Instrumentation & Bioengineering)

ADA474572

Evaluation of Stereoscopic Digital Mammography for Earlier Detection of Breast Cancer and Reduced Rate of Recall.

BBNT Solutions, LLC., Cambridge, MA.;

Department of Defense

2007, 24 pages

Related Categories/Sub-categories:

44H (Health Care Technology)

57E (Clinical Medicine)

95C (Biomedical Instrumentation & Bioengineering)

DE2008924794

Providing Better Indoor Environmental Quality Brings Economic Benefits.

Lawrence Berkeley National Laboratory,

Department of Energy

2007, 17 pages

Related Categories/Sub-categories:

44G (Environmental & Occupational Factors)

57U (Public Health & Industrial Medicine)

68A (Air Pollution & Control)

68G (Environmental Health & Safety)

91J (Economic Studies)

ERSERR62

Is Dietary Knowledge Enough: Hunger, Stress, and Other Roadblocks to Healthy Eating.

Food, Nutrition and Consumer Services, Office of Analysis, Nutrition, and Evaluation, Department of Agriculture

2008, 30 pages

Related Categories/Sub-categories:

44C (Community & Population Characteristics)

57L (Nutrition)

57U (Public Health & Industrial Medicine)

PB2008112403

Teen Marijuana Use Worsens Depression: An Analysis of Recent Data Shows 'Self-Medicating' Could Actually Make Things Worse.

Office of National Drug Control Policy,

Department of Justice

2008, 8 pages

Related Categories/Sub-categories:

57E (Clinical Medicine)

57U (Public Health & Industrial Medicine)

92B (Psychology)

92C (Social Concerns)

PB2008112726

Residential Traffic and Children's Respiratory Health.

National Institute of Environmental Health Sciences, Department of Health and Human Services

2008, 35 pages

Related Categories/Sub-categories:

43F (Environment)

44G (Environmental & Occupational Factors)

57U (Public Health & Industrial Medicine)

57Y (Toxicology)

68A (Air Pollution & Control)

85H (Road Transportation)

91A (Environmental Management & Planning)

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The documents listed here are just some of the newest in the collection. Find information on other new items, legacy documents, as well as ordering and format options in the search area of <http://www.ntis.gov>.

Major Subject Categories

Category Codes*/Title	New for September Quantity**
41 Manufacturing Technology	33
43 Problem Solving Information for State & Local Governments	258
44 Health Care	74
45 Communication	122
46 Physics	373
47 Ocean Sciences & Technology	87
48 Natural Resources & Earth Sciences	196
49 Electrotechnology	92
50 Civil Engineering	57
51 Aeronautics & Aerodynamics	155
54 Astronomy & Astrophysics	56
55 Atmospheric Sciences	48
57 Medicine & Biology	462
62 Computers, Control & Information Theory	216
63 Detection & Countermeasures	72
68 Environmental Pollution & Control	191
70 Administration & Management	295
71 Materials Sciences	107
72 Mathematical Sciences	102
74 Military Sciences	393
75 Missile Technology	5
76 Navigation, Guidance, & Control	48
77 Nuclear Science & Technology	118
79 Ordnance	39
81 Combustion, Engines, & Propellants	95
82 Photography & Recording Devices	8
84 Space Technology	129
85 Transportation	147
88 Library & Information Sciences	68
89 Building Industry Technology	70
90 Government Inventions for Licensing	6
91 Urban & Regional Technology & Development	355
92 Behavior & Society	591
94 Industrial & Mechanical Engineering	112
95 Biomedical Technology & Human Factors	45
96 Business & Economics	347
97 Energy	256
98 Agriculture & Food	135
99 Chemistry	114

* For a listing of Scope Notes that defines the specific topical content for each category, go to <http://www.ntis.gov/pdf/scopenotes.pdf>

** Quantities represent each new report assigned on average to 3-5 categories.

PB2008113393
Income, Poverty, and Health Insurance Coverage in the United States: 2007. Current Population Reports. Consumer Income.
Bureau of the Census, Department of Commerce
2008, 84 pages
P60-235
Related Categories/Sub-categories:
43C (Human Resources)
92C (Social Concerns)

PB2008114102
Role of the Media in Promoting and Reducing Tobacco Use. NCI Tobacco Control Monograph Series No. 19 Executive Summary.
National Cancer Institute, Tobacco Research Implementation Group; Department of Health and Human Services
2008, 32 pages
Related Categories/Sub-categories:
44G (Environmental & Occupational Factors)
45C (Common Carrier & Satellite)
57U (Public Health & Industrial Medicine)

PB2008103896
Military Base Realignments and Closures: Impact of Terminating, Relocating, or Outsourcing the Services of the Armed Forces Institute of Pathology.
General Accounting Office
2007, 59 pages
GAO-08-20
Related Categories/Sub-categories:
57E (Clinical Medicine)
74 (Military Sciences)
92C (Social Concerns)

PB2008104225
Working to Improve the Health and Care of Veterans Who Served in Iraq and Afghanistan.
Veterans Health Administration, Office of Research and Development; Department of Veterans Affairs
2007, 7 pages
Related Categories/Sub-categories:
44K (Health Services)
74 (Military Sciences)

PB2008104424
Treatment of Primary and Secondary Osteoarthritis of the Knee. Evidence Report/Technology Assessment Number 157.
Blue Cross and Blue Shield Assoc. Technology Evaluation Center Evidence-based Practice Center, Chicago, IL; Department of Health and Human Services
2007, 270 pages
AHRQ-04-E012
Related Categories/Sub-categories:
57 (Medicine & Biology)
57E (Clinical Medicine)
57U (Public Health & Industrial Medicine)

Category: 57 Medicine & Biology

ADA476111
Avian Flu Pandemic: Potential Impact of Trade Disruptions.
Congressional Research Service, Library of Congress
2008, 7 pages
CRS-RS22453
Related Categories/Sub-categories:
57E (Clinical Medicine)
96 (Business & Economics)
96C (International Commerce, Marketing, & Economics)

ADA482696
Measuring the Behavior and Response to Sound of Beaked Whales Using Recording Tags
Woods Hole Oceanographic Institution, MA.; Department of Defense
2004, 12pages
Related Categories/Sub-categories:
46A (Acoustics)
47D (Biological Oceanography)
57H (Ecology)
57Z (Zoology)
63A (Acoustic Detection)

ADA483044
PTSD Type Symptoms and CGSC class 08-01, a Study of Field Grade Officers and Implications for the Future.
Army Command and General Staff College, Fort Leavenworth, KS; Department of Defense
2008, 93 pages
Related Categories/Sub-categories:
57T (Psychiatry)
74 (Military Sciences)
92B (Psychology)

ADA483285
In Pursuit of Prostate Cancer Stem Cells.
Texas Univ., Smithville, MD. Anderson Cancer Center; Department of Defense
2007, 31 pages
Related Categories/Sub-categories:
57A (Anatomy)
57E (Clinical Medicine)
57S (Physiology)

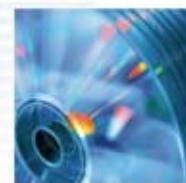
ADA484650
Determinants of Weight Gain in Women with Early-Stage Breast Cancer.
Department of Defense
2007, 8 pages
Related Categories/Sub-categories:
57E (clinical Medicine)
57F (Cytology, Genetics, & Molecular Biology)

N20080026254
Nutrition for Space Exploration.
NASA Johnson Space Center, National Aeronautics and Space Administration
2005, 2 pages
Related Categories/Sub-categories:
57L (Nutrition)
57W (Stress Physiology)
84 (Space Technology)
92B (Psychology)

PB2008110910
Gray Wolves Under the Endangered Species Act: Distinct Population Segments and Experimental Populations. CRS Report for Congress (Updated January 28, 2008).
Congressional Research Service, Library of Congress
2008, 17 pages
Related Categories/Sub-categories:
48B (Natural Resource Management)
57H (Ecology)
57Z (Zoology)

PB2008114337
NOAA Coral Reef Conservation Program. Roadmap for the Future. A Plan for Developing CRCP Direction through 2015.
Department of Commerce
2008, 15 pages
Related Categories/Sub-categories:
47D (Biological Oceanography)
48B (Natural Resource Management)
57H (Ecology)
70F (Public Administration & Government)

RSS Feeds Now Available in your choice of NTIS Subject Category.
For information go to <http://www.ntis.gov/rss/rssntiscategorylist.aspx>
and look for the new Category RSS Feeds button.



Category: 95 Biomedical Technology & Human Factors Engineering

ADA468244

Advanced Technologies in Safe and Efficient
Operating Rooms.

Maryland Univ. Medical Center, Department of
Defense

2006, 273 pages

DAMD17-03-2-0001

Related Categories/Sub-categories:

- 44H (Health Care Technology)
- 57E (clinical Medicine)
- 62 (Computers, Control & Information Theory)
- 62H (Computer Software)
- 95C (Biomedical Instrumentation &
Bioengineering)

ADA483261

Time-Frequency Analysis of Terahertz Radar
Signals for Rapid Heart and Breath Rate
Detection.

Department of Defense

2008, 81 pages

AFIT/GAM/ENC/08-05

Related Categories/Sub-categories:

- 57A (Anatomy)
- 57S (Physiology)
- 63H (Radiofrequency Detection)
- 95E (Life Support Systems)

ADA484112

Thermal Comfort and Sensation in Men
Wearing a Cooling System Controlled by Skin
Temperature.

Army Research Inst. of Environmental Medicine,
Natick, MA. Thermal and Mountain Medicine
Division; Department of Defense

2007, 13 pages

USARIEM/TMMD-M06-23

Related Categories/Sub-categories:

- 57A (Anatomy)
- 57S (Physiology)
- 95G (Protective Equipment)

ADA484911

Report to the Attorney General on Body Armor
Safety Initiative Testing and Activities.

Department of Defense

2004, 19 pages

Related Categories/Sub-categories:

- 41I (Job Environment)
- 43D (Police, Fire, & Emergency Services)
- 57U (Public Health & Industrial Medicine)
- 79B (Armor)
- 91C (Fire Services, Law Enforcement, &
Criminal Justice)
- 95G (Protective Equipment)

DE2007903490

Effect of Temperature on Task Performance in
Office Environment.

Army Research Institute of Environmental
Medicine, Natick, MA. Thermal and Mountain
Medicine Division; Department of Energy
2006, 11 pages

LBNL-60946

Related Categories/Sub-categories:

- 43F (Environment)
- 44G (Environmental & Occupational Factors)
- 68G (Environmental Health & Safety)
- 89B (Architectural Design & Environmental
Engineering)

PB2008112578

Coal Miner Responses to the Personal Dust
Monitor.

National Institute for Occupational Safety
and Health, Department of Health and Human
Services

2008, 3 pages

Related Categories/Sub-categories:

- 44G (Environmental & Occupation Factors)
- 48A (Mineral Industries)
- 57U (Public Health & Industrial Medicine)
- 95D (Human Factors Engineering)
- 95G (Protective Equipment)

PB2008103772

Three Dimensional Cell Protector/Pore
Architecture Formation for Bone and Tissue
Constructs.

2005, 20 pages

Banner & Witcoff, LTD., Chicago, IL;
Department of Health and Human Services
PAT-APPL-11-132 028

Related Categories/Sub-categories:

- 57F (Cytology, Genetics, & Molecular
Biology)
- 90D (Biology & Medicine)
- 95B (Tissue Preservation & Storage)

PB2008104178

Guidance for Industry. Recommendations for
Management of Donors at Increased Risk for
Human Immunodeficiency Virus Type 1 (HIV-1)
Group O Infection.

Food and Drug Administration, Center for
Biologics Evaluation and Research. Department
of Health and Human Services

2007, 10 pages

Related Categories/Sub-categories:

- 57B (Biochemistry)
- 57E (Clinical Medicine)
- 70F (Public Administration & Government)
- 95B (Tissue Preservation & Storage)

PB2008105066

Use of Blunt-Tip Suture Needles to Decrease
Percutaneous Injuries to Surgical Personnel,
2007.

National Institute for Occupational Safety
and Health, Department of Health and Human
Services

2002, 4 pages

DHHS/PUB/NIOSH-2008-101

Related Categories/Sub-categories:

- 44H (Health Care Technology)
- 57E (clinical Medicine)
- 57U (Public Health & Industrial Medicine)
- 95C (Biomedical Instrumentation &
Bioengineering)

Subject Category Codes/ Classification

NTIS classifies citations into 39 subject categories. Each of these subject categories is divided into subcategories. This method provides sorting categories for both hard and soft sciences. All subject categories consist of three character codes: two numerics and one alpha character. The numeric codes represent entire categories, the alpha codes are used to designate subcategories within these broad categories. The number of NTIS subcategories posted to an information product average from one to five, although there are some reports with more.

How to Subscribe

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