

APPENDIX A. EPP PROGRAM ACTIVITIES (CURRENT AS OF JANUARY 2012)

PRODUCT CATEGORY	PRODUCTS	PARTICIPATE IN STANDARD DEVELOPMENT	DEVELOP PROCUREMENT GUIDANCE	DEVELOP MODEL CONTRACT LANGUAGE	DEVELOP PRODUCT ASSESSMENT TOOLS	PROMOTE EXISTING EPA STANDARDS / POLICIES	OTHER
Column Notes	N/A	In addition to the product-specific standards noted below, EPP has also engaged in standards development for standards that address product issues but are not specific to particular product categories (e.g., life cycle assessment, communication and marketing of sustainability claims).	See EPA'S final EPP procurement guidance: http://www.epa.gov/epp/pubs/guidance/finalguidance.htm .	Individual sections of Federal Green Construction Guide (Federal Green Construction Guide), referenced below, can be found at http://www.wbdg.org/ccb/browse_org.php?o=84	See http://www.epa.gov/epp/tools/index.htm#c .	Many of the standards and policies listed below, including the Comprehensive Procurement Guidelines (CPG), Energy Star, and WaterSense, were not developed by EPP. However, because they are promoted through the EPP Program website, we include them here.	EPP provided seed funding for Responsible Purchasing Network and participates in the Steering Committee. RPN has developed Purchasing Guides and Calculators in a wide variety of product areas. http://www.responsiblepurchasing.org/
Building and construction	Various	Participation in developing numerous voluntary standards through NSF and ULE, including standards for furniture, wallcoverings, carpet, resilient flooring, commercial furnishings fabric, roofing membranes, flooring, gypsum board, ceiling panels, and thermal insulation. Some of these standards have already been finalized, while other are in draft form or still being developed. See scoping report for additional detail. EPP is also working with USGBC to develop pilot LEED credits with product-specific implications.	Developed procurement guidance for carpet, available at http://www.epa.gov/epp/pubs/carpets2.htm	Federal Green Construction Guide has language on numerous different aspects of construction methods and materials, including construction waste management; selective site demolition; cast-in-place and precast concrete; unit masonry; structural steel; wood treatment; rough and finish carpentry; sheathing; plastic fabrications; alternative agricultural products; dampproofing and waterproofing; thermal protection; roofing; joint sealants; wood doors; windows; gypsum board; tile; acoustical ceilings; carpet; flooring; wallcovering; site clearing; soil treatment; bases, ballasts, and paving; and others. EPP page lists EPA as having model contract language for Research Triangle Park Campus, but link does not lead to any such resource. See http://tinyurl.com/5vsv2og .	Whole Building Design Guide; Indoor Air Quality Education and Analysis Model (I-BEAM, summer 2001).	269 products listed in CPG under construction, including building insulation, carpet and carpet cushion, cement and concrete, coal fly ash, floor tiles, flowable fill, laminated paperboard, latex paint, modular threshold ramps, nonpressure pipe, patio blocks, railroad grade crossing surfaces, rigid foam board insulation, roofing materials, shower and restroom divider partitions, and structural fiberboard. Note that there may be some overlap with other product categories (e.g., landscaping). WaterSense standards for toilets, bathroom sink faucets, urinals, new homes, and showerheads. See http://epa.gov/watersense/products/index.html SNAP lists acceptable solvents used in adhesives, coatings and inks; substitutes for polystyrene; substitutes for foam blowing agents; substitutes for insulation board; and laminated	Numerous case studies, http://www.epa.gov/epp/pubs/casestudies.htm

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						boardstock. See http://tinyurl.com/6aqpwua FEMP has standards for roofing products and windows.	
Cleaning	Cleaning products and services	Participated in development of ANSI/NSF Standard for Hard-Surface Cleaners. The standard was issued in 2005, but did not gain traction in the market. May have been withdrawn last year due to lack of use.	Developed procurement guidance, available at http://www.epa.gov/epp/pubs/cleaning.htm Website last updated 5/12/10. Not a current focus of the program.	EPP staff has model contract language available. EPP staff has worked to get environmentally preferable cleaning requirements incorporated into cleaning contracts at EPA HQ buildings. Staff believe they have hit target of 90 percent. EPP may have influenced the language in GSA/PBS cleaning service contracts.	Green Cleaning Pollution Prevention Calculator (http://www.fedcenter.gov/janitor/). Estimates the environmental benefits of purchasing and using environmentally preferable cleaning products and services. Not a current focus of the program.	DfE "Standard for Safer Cleaning Products" covers a wide range of cleaning products. Developed June 2009, revised March 2010, April 2011. See http://www.epa.gov/dfe/pubs/projects/gfcp/standard-for-safer-cleaning-products.pdf . 51 products listed in CPG for miscellaneous - sorbents.	Multiple case studies, http://www.epa.gov/epp/pubs/casestudies.htm
Electronics	Computers; monitors/display; optical and imaging equipment; audio/visual equipment; servers; and other electronics.	EPP was instrumental in development of IEEE computer and monitor standards, providing funding and co-chairing committees. Note that EPEAT makes use of IEEE 1680.1, http://grouper.ieee.org/groups/1680/1680.1/ EPP is also involved in the current development of IEEE P1680.2 imaging equipment and IEEE P1680.3 television standards, including co-chairing committee. See http://grouper.ieee.org/groups/1680/1680.2/ and http://grouper.ieee.org/groups/1680/1680.3/ EPP also plans to participate in a potential IEEE server standard if it moves forward.	EPEAT registry lists approved computers and monitors that meet federal environmentally preferable purchasing requirements. The registry will be updated to include imaging equipment and televisions following finalization of the IEEE standards for those products. http://www2.epeat.net/searchoptions.aspx		Electronics Environmental Benefits Calculator (EEBC), developed by Abt with funding from EPP, is used to calculate benefits from EPEAT products (currently, computers and monitors). The calculator is being updated to address imaging equipment and televisions. EPP expects to manage the calculator in the future. See http://isse.utk.edu/ccp/projects/benefitscalculator/elecbenefcalc.html	Energy Star has developed specifications, lists of qualified products, and product savings calculators for numerous electronics products. See http://www.energystar.gov/index.cfm?c=products.pr_find_es_products	Federal Electronics Challenge - voluntary reporting among federal facilities of EPEAT purchases and enabling of power-saving settings. EPP provided initial funding for the Green Electronics Council (GEC), which manages EPEAT and is now self-sustaining. Case study on copiers, see http://www.epa.gov/epp/pubs/case/nasacopy.htm
Food services	Cafeterias and food service equipment			GSA has model contract language for environmentally preferable cafeterias, finalized 5/13/02. EPP's involvement is unclear. See		Energy Star addresses several commercial food service equipment items, including kitchen packages, dishwashers, fryers, griddles,	Case study, http://www.epa.gov/epp/pubs/casestudies.htm

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				http://tinyurl.com/3e53cvf and http://tinyurl.com/3opf8y7 (Nothing in Federal Green Construction Guide)		hot food holding cabinets, ice machines, ovens, refrigerators and freezers, and steam cookers. http://www.energystar.gov/index.cfm?c=bulk_purchasing.bus_purchasing#food DfE has standard for automatic dishwasher detergents. See 'cleaning products.' DfE "General Screen for Safer Ingredients" appears to apply to grease trap maintainers. SNAP has list of acceptable refrigerants for use in ice machines, industrial process refrigeration systems, retail food refrigeration, vending machines, and very low temperature refrigeration systems. See http://tinyurl.com/3nw9oqu EPP page lists some paper and paper products in CPG (e.g., napkins) as relating to food services.	
Furniture	Furniture			Federal Green Construction Guide has language on systems furniture, which appears to refer to office furniture. Also, Region 8 has model contract language for modular/systems furniture. See http://tinyurl.com/4xfv56e .		20 products in CPG listed under 'Office Furniture.'	
HVAC	Commercial heating; residential heating			Federal Green Construction Guide has language on HVAC Air Distribution and Central HVAC Equipment.		Energy Star has specifications for numerous types of HVAC equipment. See http://www.energystar.gov/index.cfm?c=products.pr_find_es_products . Also, SNAP lists acceptable refrigerants used in numerous types of HVAC equipment. http://tinyurl.com/3tyjzs9	

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Landscaping	Landscaping & irrigation			<p>Federal Green Construction Guide has language on planting, planting irrigation, IPM, site clearing, and numerous other landscaping-related categories.</p> <p>Region 9 developed contract performance specs for IPM for schools. See http://tinyurl.com/3tz7crj</p>		<p>WaterSense standard for landscape irrigation services, http://www.epa.gov/watersense/services/landscape_irrigation.html, and irrigation control technologies, http://www.epa.gov/WaterSense/products/controltech.html</p> <p>112 products in CPG listed in multiple categories, including compost, garden and soaker hoses, hydraulic mulch, lawn and garden edging, and plastic lumber landscaping timber and posts. Note, products listed under 'parks and recreation' may also be applicable.</p>	
Hospitality, meetings and travel	Various	<p>Working with the Convention Industry Council and the Green Meeting Industry Council (GMIC), as well as a range of other stakeholders, to develop an ANSI-accredited ASTM standard for green hospitality and travel. Currently eight of the nine standards in the suite have been published. The final standard on accommodations is due to be published in spring 2012.</p>	<p>Developed procurement guidance, available at http://www.epa.gov/epp/pubs/meet/greenmeetings.htm.</p> <p>EPP has been working with other participating EPA programs, GSA, and several other federal agencies to amend federal travel guidelines and related procurement rules. The proposed revisions have not yet been published (though are expected within 2011).</p> <p>Region 9 developed a Green Meetings and Conference Policy, published in 2009. R9 staff is working with GSA to develop a new version of the federal guidelines for hospitality, based on</p>	<p>Unclear. Website refers to sample contract language, but link ('Sample Green Contract Language') appears to be broken. See http://www.epa.gov/oppt/greenmeetings/pubs/who.html</p>	<p>EPA supported Oceans Blue Foundation in development of Green Meetings Tool, but EPP involvement is unclear. See http://www.bluegreenmeetings.org/</p>		

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			R9's policy.				
Office supplies	Office equipment and supplies		EPA Blanket Purchase Agreement for office supplies. http://www.epa.gov/oaam/green/sow.pdf	Federal Green Construction Guide has language on office equipment.		Energy Star has specifications for numerous types of office equipment. See 'electronics,' above. SNAP lists acceptable solvents used in adhesives, coatings and inks. http://www.epa.gov/Ozone/snap/adcoink/adcoink.pdf 218 products in CPG listed in multiple categories under 'Nonpaper office' (excluding office furniture).	Case study, http://www.epa.gov/epp/pubs/casestudies.htm
Paper	Paper products; sanitary paper products				Paper Calculator from Environmental Paper Network listed on EPP site. See http://calculator.environmentalpaper.org/home . However, EPP involvement in developing this calculator is unclear.	204 products in CPG listed in multiple categories, including commercial/ industrial sanitary tissue, corrugated containers, newsprint, paperboard and packaging, printing and writing paper, and tissue products. Note, some products listed under 'nonpaper office' may also be applicable. Also, 10 products listed in commercial/ industrial sanitary tissue.	
Vehicles and transportation	Fleets; fleet maintenance			Federal Green Construction Guide has language on "Bases, Ballasts, Paving" and "Porous Paving."	Green Vehicle Guide (http://www.epa.gov/greenvehicles/Index.do); Federal Automotive Statistical Tool (FAST); Freight Logistics Environmental and Energy Tracking Performance Model (FLEET); Hybrid Electric Vehicle and Flex Fuel Vehicle Cost Calculator tools. EPP involvement is unclear.	DfE "General Screen for Safer Ingredients" appears to apply to tire additives, vehicle and parts wash additives, and pavement treatment. Also, DfE standard for cleaning ingredients appears to apply to car cleaning products. See http://tinyurl.com/3kcz5rm , http://tinyurl.com/4xh5pow and http://www.epa.gov/dfe/pubs/projects/gfcp/dfe_general_screen_for_safer_ingredients_2_3_09.pdf SNAP lists acceptable refrigerants used in refrigerated transport. See http://www.epa.gov/ozone/snap/refrigerants/lists/reftrans.html . 48 products in CPG listed in multiple. Also, 59 products listed in multiple	Case study on re-refined motor oil, http://www.epa.gov/epp/pubs/casestudies.htm

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						categories under 'transportation and 14 products listed under 'signage.'	

APPENDIX B. SURVEY INSTRUMENT

2013 EPA EPP Survey

The U.S. Environmental Protection Agency (EPA) is conducting an evaluation of EPA's Environmentally Preferable Purchasing (EPP) Program. As defined in Executive Order 13423, environmentally preferable refers to "products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose." In everyday language, "green" is frequently used interchangeably with environmentally preferable. The EPP Program aims to reduce the environmental impacts of federal purchasing and make the overall consumer marketplace more sustainable through federal leadership.

This survey aims to understand the role that environmental considerations and other factors play in federal purchasing decisions. The survey results will help EPA to better understand the perspectives and experiences of federal purchasers, and to identify needs within the federal purchasing community. This survey is designed to assess the impacts associated with EPA's EPP Program; it is NOT intended to assess purchaser compliance with environmentally preferable purchasing mandates.

EPA's contractor will manage the survey instrument. We encourage you to be as candid as possible in your responses. There are no "right" or "wrong" answers, and your candor will ensure that the survey results are accurate and helpful. You should answer the questions based on your best knowledge; it is not necessary to do research to answer any questions. Please be assured that your responses will be kept STRICTLY CONFIDENTIAL. Survey results will be presented and reported only in the aggregate: findings will not be attributed to individuals nor will the names of respondents be shared.

The survey should take no more than 15 minutes to complete. The survey needs to be completed in one sitting, so please be sure you have sufficient time to complete the survey before you begin. The last day to complete the survey is February 6th.

Participants that complete the EPA EPP survey are eligible to receive 1 CLP. Within 30 days of the survey's February 6 end date, a PDF certificate of completion will be emailed to all participants that provided a valid email address in the last question of the survey. This certificate can then be uploaded in the FAITAS CLP module to earn the CLP. **Note that you must enter in the email address that was used to create your FAITAS account, as well as your full name, in order to receive the certificate.**

If you have questions re: the EPP Survey, please submit your inquiry to EPA's survey mailbox: FederalPurchasingSurvey@epa.gov . To learn more about EPA's EPP Program visit their website <http://www.epa.gov/epp/>.

Thank you for your time and participation.

There are 82 questions in this survey

Demographics

1

Are you employed by the federal government in a civilian or military agency / department? (Check "yes" ONLY if you are a federal employee. Check "no" if you are a federal government contractor.)

*

Please choose **only one** of the following:

- Yes
- No

2

Which of the following activities do you perform on a routine basis? (Check all that apply)

*

Only answer this question if the following conditions are met:

° ((Fed_Gov_Status.NAOK == "Y"))

Please choose **all** that apply:

- Make purchasing decisions
- Identify vendors or suppliers
- Conduct pre-purchase evaluations
- Purchase products and/or services
- Manage acquisition for new products (i.e., products that do not yet exist)
- Manage federal contractor workflow
- None of the above

3 Have you been performing these activities for AT LEAST ONE (1) YEAR? *

Only answer this question if the following conditions are met:

° ((Fed_Gov_Status.NAOK == "Y") and (Work_Activities_SQ001.NAOK == "Y")) or ((Fed_Gov_Status.NAOK == "Y") and (Work_Activities_SQ002.NAOK == "Y")) or ((Fed_Gov_Status.NAOK == "Y") and (Work_Activities_SQ003.NAOK == "Y")) or ((Fed_Gov_Status.NAOK == "Y") and (Work_Activities_SQ004.NAOK == "Y"))

Please choose **only one** of the following:

- Yes
 No

4 Do you work for a CIVILIAN or MILITARY agency/department? *

Only answer this question if the following conditions are met:

° ((Length.NAOK == "Y"))

Please choose **only one** of the following:

- Civilian
 Military

5 Are you employed by the U.S. Environmental Protection Agency (EPA)? *

Only answer this question if the following conditions are met:

° ((civ.NAOK == "A1"))

Please choose **only one** of the following:

- Yes
 No

6 Which agency/department employs you? *

Only answer this question if the following conditions are met:

° ((civ.NAOK == "A2")) or ((EPA.NAOK == "N"))

Please choose **only one** of the following:

- Administrative Office of the United States Courts
 Armed Forces Retirement Home
 Consumer Financial Protection Bureau

- Consumer Product Safety Commission
- Department of Agriculture
- Department of Commerce
- Department of Education
- Department of Energy
- Department of Health and Human Services
- Department of Homeland Security
- Department of Housing and Urban Development
- Department of Justice
- Department of Labor
- Department of State
- Department of the Interior
- Department of the Treasury
- Department of Transportation
- Department of Veterans Affairs
- Equal Employment Opportunity Commission
- Executive Office of the President
- Federal Deposit Insurance Corporation
- Federal Housing Finance Agency
- General Services Administration
- Government Accountability Office
- Government Printing Office
- International Boundary & Water Commission
- Library of Congress
- Millennium Challenge Corporation
- National Aeronautics and Space Administration
- National Archives and Records Administration
- National Gallery of Art

- National Science Foundation
- Nuclear Regulatory Commission
- Occupational Safety & Health Review Commission
- Office of Management and Budget
- Office of Personnel Management
- Peace Corps
- Pension Benefit Guaranty Corporation
- Railroad Retirement Board
- Securities and Exchange Commission
- Small Business Administration
- Social Security Administration
- The Court Services and Offender Supervision Agency
- U.S. Agency for International Development
- U.S. International Development Cooperation Agency
- United States District Courts
- Other

Work Activities

7 Approximately how many purchase transactions do you handle in a typical month? *

Please choose **only one** of the following:

- Less than 5
- 5-10
- 11-20
- More than 20

8

Think of the purchases that you handle in a typical month. On average, what is the value of each purchase that you handle?

*

Please choose **only one** of the following:

- Less than \$5,000
- \$5,000 to \$24,999
- \$25,000 to \$99,999
- \$100,000 to \$250,000
- More than \$250,000

9

Which of the following purchasing systems do you use ON A ROUTINE BASIS for making purchases? (Check all that apply)

*

Please choose **all** that apply:

- GSA Advantage
- Agency-specific procurement system (e.g., DoD EMALL)

- Direct purchases from vendor website
- Purchases from public e-commerce website
- Brick-and-mortar store

Other:

10
Which of the following contract vehicles do you use ON A ROUTINE BASIS for making purchases? (Check all that apply)

*

Please choose **all** that apply:

- Blanket Purchase Agreement
- Government-wide acquisition contract
- GSA Schedules
- Contract directly with vendor

Other:

Products

11 Do you typically purchase PRODUCTS? *

Please choose **only one** of the following:

- Yes
- No

12 How important is each of the following factors in your purchasing decisions for products? *

Only answer this question if the following conditions are met:

° ((Products.NAOK == "Y"))

Please choose the appropriate response for each item:

	Not at all important	Slightly important	Moderately important	Very important	Don't know / No opinion / Not Applicable
Cost	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Best value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Brand reputation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Past experience with the product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting exact specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental attributes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Easiest to purchase of all available choices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Small business set-asides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13 If other, please specify.

Only answer this question if the following conditions are met:

° ((Products.NAOK == "Y"))

Please write your answer here:

Services

14 Do you typically purchase SERVICES? *

Please choose **only one** of the following:

- Yes
- No

15 How important is each of the following factors in your purchasing decisions for services? *

Only answer this question if the following conditions are met:

° ((Services2.NAOK == "Y"))

Please choose the appropriate response for each item:

	Not at all important	Slightly important	Moderately important	Very important	Don't know / No opinion / Not Applicable
Cost	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Best value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Brand reputation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Past experience with the product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting exact specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental attributes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Easiest to purchase of all available choices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Small business set-asides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

16 If other, please specify.

Only answer this question if the following conditions are met:

° ((Services2.NAOK == "Y"))

Please write your answer here:

Environmental Factors in Purchasing Decisions

17

In the PAST YEAR, have you made at least one purchase where you considered environmental factors in your purchasing decision?

*

Please choose **only one** of the following:

- Yes
 No

18

What do you see as the KEY ADVANTAGES of considering environmental factors in your purchasing decisions? (Check all that apply)

*

Please choose **all** that apply:

- Best Value
 Fulfill obligations/mandates
 Environmental benefits
 Improved worker health and safety
 Sense of pride
 Positive image/recognition and awards
 None of the above
 Other:

19

What do you see as the KEY DISADVANTAGES of considering environmental factors in your purchasing decisions? (Check all that apply)

*

Please choose **all** that apply:

- Higher cost
- Unclear definition of "green"/difficult to verify "green" marketing claims
- Lack of information
- Time-consuming/inconvenient to purchase
- Inferior product/service quality
- Lack of available environmentally preferable products/services that meet requirements
- Lack of management support
- None of the above
- Other:

20

Which of the following factors do you consider in determining "best value"? (Check all that apply)

*

Please choose **all** that apply:

- Initial cost
- Lifecycle cost
- Timeliness of delivery
- Availability
- Quality
- Reputation/experience of vendor
- Environmental considerations
- Vendor's ability to meet specifications
- Small business setasides
- Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)
- Not applicable - I don't determine "best value"
- Don't know

Other:

21 Which is the more important factor in how you evaluate cost? *

Please choose **only one** of the following:

- Initial cost
- Lifecycle cost
- Don't know

Environmentally Preferable Products

22

Are environmentally preferable products and services given preference within your agency/department?

*

Please choose **only one** of the following:

- Yes
- No
- Don't know

23

Does your agency/department have an environmentally preferable purchasing policy?

*

Please choose **only one** of the following:

- Yes
- No
- Don't know

24

Does the policy require environmentally preferable purchasing or make it optional for the products and/or services that you purchase? (Check all that apply)

*

Only answer this question if the following conditions are met:

° (([Preferable2.NAOK](#) == "1"))

Please choose **all** that apply:

- Required for all products/services that I purchase
- Required for some products/services that I purchase

- Encouraged for all products/services that I purchase
- Encouraged for some products/services that I purchase
- Neither required nor encouraged for the products/services that I purchase
- Don't know

Executive Order (EO) 13514

25

Executive Order (EO) 13514, "Federal Leadership in Environmental, Energy, and Economic Performance," was signed by President Obama in October 2009. How familiar are you with the contents of EO 13514?

*

Please choose **only one** of the following:

- Not at all familiar
- Slightly familiar
- Moderately familiar
- Very familiar
- Don't know

26 Have you changed your purchasing behavior in response to EO 13514? *

Please choose **only one** of the following:

- Yes, I purchase more environmentally preferable products/services in response to EO 13514
- No, I do not purchase more environmentally preferable products/services in response to EO 13514
- Don't know

USDA Designated Categories of Biobased Products

27
Are you familiar with the USDA designated categories of biobased products for a Federal Procurement preference found at www.biopreferred.gov?

*

Please choose **only one** of the following:

Yes

No

28
Have you used the USDA designated categories of biobased products for a Federal Procurement preference found at www.biopreferred.gov?

*

Only answer this question if the following conditions are met:

° (([purchaser1.NAOK](#) == "Y"))

Please choose **only one** of the following:

Yes

No

Attitudes toward preferable purchasing

29

In general, how would you describe your view towards environmentally preferable purchasing?

*

Please choose **only one** of the following:

- Very negative
- Somewhat negative
- Somewhat positive
- Very positive
- Don't know/I haven't made up my mind

30

In the PAST YEAR, approximately what percentage (expenditures) of the products/services that you purchased was environmentally preferable?

*

Please choose **only one** of the following:

- Less than 25%
- 25 – 50%
- 51 – 75%
- More than 75%
- Don't know

Federal Purchasing Activities

31
Have you been performing federal purchasing activities (i.e., making purchasing decisions, identifying vendors or suppliers, conducting prepurchase evaluations, and/or purchasing products/services) for THREE YEARS OR LONGER?

*

Please choose **only one** of the following:

- Yes
 No

32
Do you feel more knowledgeable, less knowledgeable, or equally knowledgeable about environmentally preferable purchasing today than you did THREE YEARS AGO?

*

Only answer this question if the following conditions are met:

◦ 

Please choose **only one** of the following:

- More knowledgeable
 Less knowledgeable
 Equally knowledgeable
 Don't know

33
Over the PAST THREE YEARS, has your attitude towards environmentally preferable purchasing become more favorable, less favorable, or stayed the same?

*

Only answer this question if the following conditions are met:

◦ 

Please choose **only one** of the following:

- More favorable
- Less favorable
- Stayed the same
- Don't know

34
Over the PAST THREE YEARS, has the portion of products/services that you purchased that was environmentally preferable increased, decreased, or stayed the same?

*

Only answer this question if the following conditions are met:

o

Please choose **only one** of the following:

- Increased
- Decreased
- Stayed the same
- Don't know

Computer Purchases

35

In the PAST YEAR, have you purchased desktop computers, laptop computers, and/or computer monitors?

*

Please choose **only one** of the following:

- Yes
 No

36

How important is each of the following factors in your purchasing decisions for desktop computers, laptop computers, and computer monitors?

*

Only answer this question if the following conditions are met:

o

Please choose the appropriate response for each item:

	Not at all important	Slightly important	Moderately important	Very important	Don't know / No opinion / Not applicable
Cost	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Best value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Brand reputation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Past experience with the product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting exact specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental attributes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Easiest to purchase of all available choices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Small business setasides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not at all important	Slightly important	Moderately important	Very important	Don't know / No opinion / Not applicable
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

37 If other, please specify.

Only answer this question if the following conditions are met:

◦

Please write your answer here:

38 Which of the following environmental standards/labels do you typically look for when purchasing computers and monitors? (Check all that apply)

*

Only answer this question if the following conditions are met:

◦

Please choose **all** that apply:

- Energy Star
- Federal Energy Management Program (FEMP)
- Electronic Product Environmental Assessment Tool (EPEAT) (IEEE 1680 standard)
- None of the above
- Other:

39 In the PAST YEAR, approximately what percent of the computers and monitors that you purchased was Energy Star certified?

*

Only answer this question if the following conditions are met:

◦

Please choose **only one** of the following:

- Less than 25%
- 25 – 50%
- 51 – 75%
- More than 75%
- Don't know

40

In the PAST YEAR, approximately what percent of the computers and monitors that you purchased was FEMP certified?

*

Only answer this question if the following conditions are met:

◦

Please choose **only one** of the following:

- Less than 25%
- 25 – 50%
- 51 – 75%
- More than 75%
- Don't know

41

In the PAST YEAR, approximately what percent of computers and monitors that you purchased was EPEAT (IEEE 1680 standard) certified?

*

Only answer this question if the following conditions are met:

◦

Please choose **only one** of the following:

- Less than 25%
- 25 – 50%
- 51 – 75%
- More than 75%
- Don't know

42

What are your reasons for not buying (more) EPEAT (IEEE 1680 standard) certified products? (Check all that apply)

*

Only answer this question if the following conditions are met:

o

Please choose **all** that apply:

- I'm not required to buy EPEAT products
- I don't know which products are EPEAT certified
- I've been directed to purchase specific models/brands that are not EPEAT certified
- Higher initial cost of EPEAT products
- Previous negative experience with EPEAT products
- None of the above
- Other:

Federal Electronics Challenge (FEC) and Electronics Environmental Benefits Calculator (EEBC)

43 Does your facility or agency participate in the Federal Electronics Challenge (FEC)? *

Please choose **only one** of the following:

- Yes
- No
- Don't Know

44 To what extent do you agree or disagree with the following statement: "The Federal Electronics Challenge (FEC) motivates me to purchase more environmentally preferable electronic products"?

*

Only answer this question if the following conditions are met:

o

Please choose **only one** of the following:

- Strongly disagree
- Somewhat disagree
- Somewhat agree
- Strongly agree
- Don't know

45 Have you used the Electronics Environmental Benefits Calculator (EEBC)? *

Please choose **only one** of the following:

- Yes
- No

46

How helpful or unhelpful was the Electronics Environmental Benefits Calculator (EEBC) in understanding the environmental benefits of purchasing environmentally preferable computer products?

*

Only answer this question if the following conditions are met:

◦

Please choose **only one** of the following:

- Not at all helpful
- Marginally helpful
- Moderately helpful
- Very helpful

Building and Constructions

47
In the PAST YEAR, have you purchased building and construction products (including but not limited to floor tiles, floor coverings, carpets, gypsum board/wallboard, ceiling panels, wall finishing materials, thermal insulation, etc.) and/or office furniture?

*

Please choose **only one** of the following:

- Yes
 No

48
How important is each of the following factors in your purchasing decisions for building and construction products/office furniture?

*

Only answer this question if the following conditions are met:

o

Please choose the appropriate response for each item:

	Not at all important	Slightly important	Moderately important	Very important	Don't know / No opinion / Not Applicable
Cost	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Best value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Brand reputation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Past experience with the product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting exact specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental attributes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Easiest to purchase of all available choices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Small business set-asides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other:

51 In the PAST YEAR, approximately what percent of the building and construction products/office furniture that you purchased was certified to ONE OR MORE of the environmental standards listed in the previous question? *

Only answer this question if the following conditions are met:

o

Please choose **only one** of the following:

- Less than 25%
- 25-50%
- 51-75%
- More than 75%
- Don't know

52 What are your reasons for not buying (more) environmentally certified building and construction products/office furniture? (Check all that apply) *

Only answer this question if the following conditions are met:

o

Please choose **all** that apply:

- I'm not required to buy environmentally certified building/construction products
- I don't know which building/construction products are environmentally certified
- I've been directed to purchase specific models/brands of building/construction products that are not environmentally certified
- Higher initial cost of environmentally certified building/construction products
- Previous negative experience with environmentally certified building/construction products
- None of the above
- Other:

53

Have you used the Federal Green Construction Guide for Specifiers? (The Federal Green Construction Guide for Specifiers was developed by the U.S. EPA in partnership with the Federal Environmental Executive as part of the Whole Building Design Guide, a resource for environmentally preferable building and construction.)

*

Please choose **only one** of the following:

Yes

No

54

Are products that meet the criteria of the Federal Green Construction Guide for Specifiers given priority in your purchasing decisions?

*

Only answer this question if the following conditions are met:

◦

Please choose **only one** of the following:

Yes

No

55

Are products that meet the criteria of the Federal Green Construction Guide for Specifiers optional or required by your agency/department?

*

Only answer this question if the following conditions are met:

◦

Please choose **only one** of the following:

Optional

Required

Don't know

56 In the PAST YEAR, have you purchased carpeting? *

Please choose **only one** of the following:

Yes

No

57

How often do you consider environmental factors in your purchasing decisions for carpeting? *

*

Only answer this question if the following conditions are met:

o

Please choose **only one** of the following:

Never

Rarely

Sometimes

Most or all of the time

58

How familiar are you with the NSF/ANSI 140 carpet standard? *

*

Only answer this question if the following conditions are met:

o

Please choose **only one** of the following:

Not at all familiar

Slightly familiar

63**In the PAST YEAR, approximately what percent of floor coverings that you purchased was NSF/ANSI 332 certified?**

*

Only answer this question if the following conditions are met:◦ Please choose **only one** of the following:

- Less than 25%
- 25 – 50%
- 51 – 75%
- More than 75%
- Don't know

64 In the PAST YEAR, have you purchased office furniture? *Please choose **only one** of the following:

- Yes
- No

65**How often do you consider environmental factors in your purchasing decisions for office furniture?**

*

Only answer this question if the following conditions are met:◦ Please choose **only one** of the following:

- Never
- Rarely
- Sometimes

- Yes
 No

69

How often do you consider environmental factors in your purchasing decisions for gypsum board/wallboard?

*

Only answer this question if the following conditions are met:

° 

Please choose **only one** of the following:

- Never
 Rarely
 Sometimes
 Most or all of the time

70 How familiar are you with the ULE ISR 100 standard for gypsum board/wallboard? *

Only answer this question if the following conditions are met:

° 

Please choose **only one** of the following:

- Not at all familiar
 Slightly familiar
 Moderately familiar
 Very familiar

71

In the PAST YEAR, approximately what percent of gypsum board/wallboard that you purchased was ULE ISR 100 certified?

*

Only answer this question if the following conditions are met:

o

Please choose **only one** of the following:

- Less than 25%
- 25 – 50%
- 51 – 75%
- More than 75%
- Don't know

Purchasing Decisions Resources

72 What resources do you use to make purchasing decisions? (Check all that apply) *

Please choose **all** that apply:

- Procurement policies, guidance documents, and/or specifications created by your agency/department
- EPA's EPP website: www.epa.gov/epp
- Guidance and materials issued by EPA
- Guidance and materials issued by other federal agencies
- Federal Acquisition Regulations (FAR)
- Presidential Executive Orders
- Instructions from your manager
- Advice from colleagues
- None of the above
- Other:

73

How familiar are you with the U.S. EPA's Environmentally Preferable Purchasing (EPP) Program?

*

Please choose **only one** of the following:

- Not at all familiar
- Slightly familiar
- Moderately familiar
- Very familiar

74

The following list includes resources offered by EPA's EPP Program. For resources that you have used and interactions that you have had in the PAST YEAR, please indicate the extent to which each resource or interaction

helped you to buy environmentally preferable products or services. If you have not used a particular resource or had a particular interaction in the past year, check "Not applicable".

*

Please choose the appropriate response for each item:

	Not at all helpful	Marginally helpful	Moderately helpful	Very helpful	Not applicable
Accessed information on EPA's EPP website: www.epa.gov/epp	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used EPP tools/environmental benefits calculators	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used EPP's guidance documents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Used EPP's model policy, contract language, and/or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attended a seminar or conference where EPP staff made a presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attended a training event offered by EPP staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participated in a working group with EPP staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engaged in regular (informal) interactions with EPP staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Received direct technical assistance from EPP staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

75 If other, please specify.

Please write your answer here:

Email Address

76

Participants that complete the EPA EPP survey are eligible to receive 1 CLP. To receive the CLP, you must enter in the email address that was used to create your FAITAS account below. Within 30 days of the survey's February 6 end date, a PDF certificate of completion will be emailed to all participants that provided a valid email address.

We WILL NOT disclose your email address or your identity to EPA or in our evaluation report. Please be assured that your information will be kept strictly confidential.

*

Please write your answer here:

77 Please provide your full name for your certificate. *

Please write your answer here:

Survey Follow-Up

78

IEc may follow up by phone with a sample of survey respondents as part of our verification process. This call would take five to ten minutes. We WILL NOT disclose your name or contact information to EPA or in our evaluation report. Your information will be kept strictly confidential. Is it okay if a researcher at IEc calls you to follow up on your survey responses?

*

Please choose **only one** of the following:

Yes

No

79 What is your name? *

Only answer this question if the following conditions are met:

◦ [Redacted]

Please write your answer here:

80 What is your telephone number? *

Only answer this question if the following conditions are met:

◦ [Redacted]

Please write your answer here:

Thank You!

You have completed the survey. Thank you for your time and participation!

81

Disqualification Page

82 Based on your response to the previous question, you are not eligible to take the survey. Thank you for your time and willingness to participate.

31.12.1969 – 18:00

Submit your survey.

Thank you for completing this survey.

APPENDIX C. SURVEY RESULTS BY SURVEY QUESTION

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES										
				Yes		No								
				#	%	#	%							
1	Are you employed by the federal government in a civilian or military agency / department? (Check "yes" ONLY if you are a federal employee. Check "no" if you are a federal government contractor.)	All	2539	Yes		No								
				#	%	#	%							
				2539	100.0%	0	0.0%							
2	Which of the following activities do you perform on a routine basis? (Check all that apply)			Checked		Not checked								
				#	%	#	%							
				Make purchasing decisions	All	2539	1799	70.9%	740	29.1%				
				Identify vendors or suppliers	All	2539	1886	74.3%	653	25.7%				
				Conduct pre-purchase evaluations	All	2539	1597	62.9%	942	37.1%				
				Purchase products and/or services	All	2539	1835	72.3%	704	27.7%				
				Manage acquisition for new products (i.e., products that do not yet exist)	All	2539	477	18.8%	2062	81.2%				
				Manage federal contractor workflow	All	2539	699	27.5%	1840	72.5%				
None of the above	All	2539	12	0.5%	2527	99.5%								
3	Have you been performing these activities for AT LEAST ONE (1) YEAR?	All	2539	Yes		No								
				#	%	#	%							
				2539	100.0%	0	0.0%							
4	Do you work for a CIVILIAN or MILITARY agency/department?	All	2539	Civilian		Military								
				#	%	#	%							
				2376	93.6%	163	6.4%							
5	Are you employed by the U.S. Environmental Protection Agency (EPA)?	All	2539	Yes		No		N/A						
				#	%	#	%	#	%					
				191	7.5%	2185	86.1%	163	6.4%					
6	Which agency/department employs you?			Yes		No								
				#	%	#	%							
				Department of Agriculture	All	2539	414	16.3%	2125	83.7%				
				Department of Homeland Security	All	2539	318	12.5%	2221	87.5%				
				Department of Health & Human Services	All	2539	215	8.5%	2324	91.5%				
				Department of Justice	All	2539	197	7.8%	2342	92.2%				
General Services Administration	All	2539	195	7.7%	2344	92.3%								

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES																
	Environmental Protection Agency	All	2539	191	7.5%	2348	92.5%													
	Department of Veterans Affairs	All	2539	151	5.9%	2388	94.1%													
	Department of Interior	All	2539	142	5.6%	2397	94.4%													
	Nat. Aeronautics and Space Administration	All	2539	113	4.5%	2426	95.5%													
	Department of Commerce	All	2539	98	3.9%	2441	96.1%													
	Department of Transportation	All	2539	64	2.5%	2475	97.5%													
	Department of Treasury	All	2539	57	2.2%	2482	97.8%													
	Social Security Administration	All	2539	54	2.1%	2485	97.9%													
	Department of Defense	All	2539	44	1.7%	2495	98.3%													
	Department of Education	All	2539	32	1.3%	2507	98.7%													
	Department of Energy	All	2539	25	1.0%	2514	99.0%													
	Department of Labor	All	2539	23	0.9%	2516	99.1%													
	Department of State	All	2539	20	0.8%	2519	99.2%													
	Other Federal Agencies and Bureaus	All	2539	19	0.7%	2520	99.3%													
	Army	All	2539	16	0.6%	2523	99.4%													
	Nuclear Regulatory Commission	All	2539	16	0.6%	2523	99.4%													
	Air Force	All	2539	14	0.6%	2525	99.4%													
	Office of Personnel Management	All	2539	13	0.5%	2526	99.5%													
	Navy	All	2539	12	0.5%	2527	99.5%													
	Department of Housing and Urban Development	All	2539	10	0.4%	2529	99.6%													
	US Agency for International Development	All	2539	10	0.4%	2529	99.6%													
	Securities And Exchange Commission	All	2539	9	0.4%	2530	99.6%													
	Small Business Administration	All	2539	7	0.3%	2532	99.7%													
	US Postal Service	All	2539	6	0.2%	2533	99.8%													
	United States District Courts	All	2539	5	0.2%	2534	99.8%													
	Executive Office Of The President	All	2539	4	0.2%	2535	99.8%													
	US Coast Guard	All	2539	4	0.2%	2535	99.8%													
	Millennium Challenge Corporation	All	2539	3	0.1%	2536	99.9%													
	Peace Corps	All	2539	3	0.1%	2536	99.9%													
	US Government Printing Office	All	2539	3	0.1%	2536	99.9%													
	Administrative Office of the United States Courts	All	2539	2	0.1%	2537	99.9%													
	Consumer Product Safety Commission	All	2539	2	0.1%	2537	99.9%													
	Equal Employment Opportunity Commission	All	2539	2	0.1%	2537	99.9%													

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES										
	Federal Emergency Management Administration	All	2539	2	0.1%	2537	99.9%							
	International Boundary & Water Commission	All	2539	2	0.1%	2537	99.9%							
	National Archives and Records Administration	All	2539	2	0.1%	2537	99.9%							
	National Science Foundation	All	2539	2	0.1%	2537	99.9%							
	Pension Benefit Guaranty Corporation	All	2539	2	0.1%	2537	99.9%							
	US Army Corps of Engineers	All	2539	2	0.1%	2537	99.9%							
	Consumer Financial Protection Bureau	All	2539	1	0.0%	2538	100.0%							
	Court Services and Offender Supervision Agency	All	2539	1	0.0%	2538	100.0%							
	Federal Deposit Insurance Corporation	All	2539	1	0.0%	2538	100.0%							
	Federal Election Commission	All	2539	1	0.0%	2538	100.0%							
	Federal Energy Regulatory Commission	All	2539	1	0.0%	2538	100.0%							
	Federal Law Enforcement Training Center	All	2539	1	0.0%	2538	100.0%							
	Indian Health Services	All	2539	1	0.0%	2538	100.0%							
	Institute of Museum and Library Services	All	2539	1	0.0%	2538	100.0%							
	Library of Congress	All	2539	1	0.0%	2538	100.0%							
	National Gallery of Art	All	2539	1	0.0%	2538	100.0%							
	Postal Regulatory Commission	All	2539	1	0.0%	2538	100.0%							
	Tennessee Valley Authority	All	2539	1	0.0%	2538	100.0%							
	U.S. Railroad Retirement Board	All	2539	1	0.0%	2538	100.0%							
	Washington Headquarters Service	All	2539	1	0.0%	2538	100.0%							
7	Approximately how many purchase transactions do you handle in a typical month?	All	2539	Less than 5		5-10		11-20		More than 20				
				#	%	#	%	#	%	#	%			
				1271	50.1%	632	24.9%	337	13.3%	299	11.8%			
8	Think of the purchases that you handle in a typical month. On average, what is the value of each purchase that you handle?	All	2539	Less than \$5,000		\$5,000 to \$24,999		\$25,000 to \$99,999		\$100,000 to \$250,000		More than \$250,000		
				#	%	#	%	#	%	#	%	#	%	
				1281	50.5%	452	17.8%	300	11.8%	182	7.2%	324	12.8%	
9	Which of the following purchasing systems do you use ON A ROUTINE BASIS for making purchases? (Check all that apply)			Checked		Not checked								
				#	%	#	%							
		GSA Advantage	All	2539	1670	65.8%	869	34.2%						
	Agency-specific procurement system (e.g., DoD EMALL)	All	2539	691	27.2%	1848	72.8%							

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
				Checked		Not checked							
				#	%	#	%						
	Direct purchases from vendor website	All	2539	1127	44.4%	1412	55.6%						
	Purchases from public e-commerce website	All	2539	430	16.9%	2109	83.1%						
	Brick-and-mortar store	All	2539	383	15.1%	2156	84.9%						
	Other	All	2539	497	19.6%	2042	80.4%						
10	Which of the following contract vehicles do you use ON A ROUTINE BASIS for making purchases? (Check all that apply)			Checked		Not checked							
				#	%	#	%						
	Blanket Purchase Agreement	All	2539	1138	44.8%	1401	55.2%						
	Government-wide acquisition contract	All	2539	920	36.2%	1619	63.8%						
	GSA Schedules	All	2539	1572	61.9%	967	38.1%						
	Contract directly with vendor	All	2539	1370	54.0%	1169	46.0%						
11	Do you typically purchase PRODUCTS?	All	2539	Yes		No							
				#	%	#	%						
				1632	64.3%	907	35.7%						
12	How important is each of the following factors in your purchasing decisions for products?			Not at all important		Slightly important		Moderately important		Very important		Don't know / No opinion / Not Applicable	
				#	%	#	%	#	%	#	%	#	%
	Cost	Product purchasers only (answered yes to Q11)	1632	4	0.2%	24	1.5%	283	17.3%	1314	80.5%	7	0.4%
	Quality	Product purchasers only (answered yes to Q11)	1632	6	0.4%	13	0.8%	171	10.5%	1434	87.9%	8	0.5%
	Best value	Product purchasers only (answered yes to Q11)	1632	6	0.4%	25	1.5%	200	12.3%	1384	84.8%	17	1.0%
	Brand reputation	Product purchasers only (answered yes to Q11)	1632	122	7.5%	372	22.8%	677	41.5%	405	24.8%	56	3.4%
	Past experience with the product	Product purchasers only (answered yes to Q11)	1632	17	1.0%	77	4.7%	516	31.6%	999	61.2%	23	1.4%
Meeting exact specifications	Product purchasers only	1632	9	0.6%	59	3.6%	391	24.0%	1146	70.2%	27	1.7%	

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
		(answered yes to Q11)											
	Environmental attributes	Product purchasers only (answered yes to Q11)	1632	79	4.8%	216	13.2%	625	38.3%	651	39.9%	61	3.7%
	Easiest to purchase of all available choices	Product purchasers only (answered yes to Q11)	1632	144	8.8%	353	21.6%	653	40.0%	424	26.0%	58	3.6%
	Small business set-asides	Product purchasers only (answered yes to Q11)	1632	104	6.4%	234	14.3%	504	30.9%	679	41.6%	111	6.8%
	Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	Product purchasers only (answered yes to Q11)	1632	79	4.8%	137	8.4%	367	22.5%	920	56.4%	129	7.9%
	Other	Product purchasers only (answered yes to Q11)	1632	142	8.7%	36	2.2%	103	6.3%	122	7.5%	1229	75.3%
13	If other, please specify.	Specified "Other" for Q12	128										
14	Do you typically purchase SERVICES?	All	2539	Yes		No							
				#	%	#	%						
				1777	70.0%	762	30.0%						
15	How important is each of the following factors in your purchasing decisions for services?			Not at all important		Slightly important		Moderately important		Very important		Don't know / No opinion / Not Applicable	
				#	%	#	%	#	%	#	%	#	%
	Cost	Service purchasers only (answered yes to Q14)	1777	6	0.3%	30	1.7%	366	20.60%	1365	76.81%	10	0.56%
	Quality	Service purchasers only (answered yes to Q14)	1777	5	0.28%	9	0.51%	148	8.33%	1598	89.93%	17	0.96%
	Best value	Service purchasers only (answered yes to Q14)	1777	8	0.5%	30	1.7%	198	11.14%	1514	85.20%	27	1.52%
	Brand reputation	Service purchasers only	1777	162	9.12%	350	19.70%	625	35.17%	439	24.70%	201	11.31%

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
		(answered yes to Q14)											
	Past experience with the product	Service purchasers only (answered yes to Q14)	1777	26	1.5%	106	6.0%	490	27.57%	1050	59.09%	105	5.91%
	Meeting exact specifications	Service purchasers only (answered yes to Q14)	1777	14	0.79%	77	4.33%	441	24.82%	1191	67.02%	54	3.04%
	Environmental attributes	Service purchasers only (answered yes to Q14)	1777	118	6.6%	271	15.3%	570	32.08%	619	34.83%	199	11.20%
	Easiest to purchase of all available choices	Service purchasers only (answered yes to Q14)	1777	218	12.27%	394	22.17%	621	34.9%	369	20.8%	175	9.8%
	Small business set-asides	Service purchasers only (answered yes to Q14)	1777	91	5.1%	214	12.0%	512	28.81%	853	48.00%	107	6.02%
	Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	Service purchasers only (answered yes to Q14)	1777	123	6.92%	199	11.20%	347	19.5%	801	45.1%	307	17.3%
	Other	Service purchasers only (answered yes to Q14)	1777	163	9.2%	32	1.8%	89	5.01%	139	7.82%	1354	76.20%
16	If other, please specify.	Specified "Other" for Q15	116										
17	In the PAST YEAR, have you made at least one purchase where you considered environmental factors in your purchasing decision?			Yes		No							
				#	%	#	%						
		All	2539	1585	62.4%	954	37.6%						
		EPA	191	119	62.3%	72	37.7%						
		GSA	194	152	78.4%	42	21.6%						
		Energy	25	16	64.0%	9	36.0%						
		USDA Homeland Security	413 317	282 172	68.3% 54.3%	131 145	31.7% 45.7%						
18	What do you see as the KEY ADVANTAGES of considering environmental factors in your purchasing decisions? (Check all			Checked		Not checked							
				#	%	#	%						

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
	that apply)												
	Best value	All	2539	1101	43.4%	1438	56.6%						
	Fulfill obligations/mandates	All	2539	1598	62.9%	941	37.1%						
	Environmental benefits	All	2539	1940	76.4%	599	23.6%						
	Improved worker health and safety	All	2539	1324	52.1%	1215	47.9%						
	Sense of pride	All	2539	559	22.0%	1980	78.0%						
	Positive image/recognition and awards	All	2539	323	12.7%	2216	87.3%						
	None of the above	All	2539	133	5.2%	2406	94.8%						
	Other	All	2539	76	3.0%	2463	97.0%						
19	What do you see as the KEY DISADVANTAGES of considering environmental factors in your purchasing decisions? (Check all that apply)			Checked		Not checked							
				#	%	#	%						
	Higher cost	All	2539	1561	61.5%	978	38.5%						
	Unclear definition of "green" /difficult to verify "green" marketing claim	All	2539	1425	56.1%	1114	43.9%						
	Lack of information	All	2539	967	38.1%	1572	61.9%						
	Time-consuming/inconvenient to purchase	All	2539	729	28.7%	1810	71.3%						
	Inferior product/service quality	All	2539	611	24.1%	1928	75.9%						
	Lack of available environmentally preferable products/services that meet requirements	All	2539	1171	46.1%	1368	53.9%						
	Lack of management support	All	2539	273	10.8%	2266	89.2%						
	None of the above	All	2539	250	9.8%	2289	90.2%						
Other	All	2539	87	3.4%	2452	96.6%							
20	Which of the following factors do you consider in determining "best value"? (Check all that apply)			Checked		Not checked							
				#	%	#	%						
	Initial cost	All	2539	1639	64.6%	900	35.4%						
	Lifecycle cost	All	2539	1756	69.2%	783	30.8%						
	Timeliness of delivery	All	2539	1407	55.4%	1132	44.6%						
	Availability	All	2539	1522	59.9%	1017	40.1%						
	Quality	All	2539	2115	83.3%	424	16.7%						
	Reputation/ experience of vendor	All	2539	1251	49.3%	1288	50.7%						
	Environmental considerations	All	2539	1079	42.5%	1460	57.5%						
	Vendor's ability to meet specifications	All	2539	1623	63.9%	916	36.1%						
Small business setasides	All	2539	837	33.0%	1702	67.0%							

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES											
				Initial cost		Lifecycle cost		Don't know							
	Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	All	2539	863	34.0%	1676	66.0%								
	Not applicable - I don't determine "best value"	All	2539	67	2.6%	2472	97.4%								
	Don't know	All	2539	19	0.7%	2520	99.3%								
	Other	All	2539	33	1.3%	2506	98.7%								
21	Which is the more important factor in how you evaluate cost?	All	2539	Initial cost		Lifecycle cost		Don't know							
				#	%	#	%	#	%						
				888	35.0%	1490	58.7%	161	6.3%						
22	Are environmentally preferable products and services given preference within your agency/department?	All	2539	Yes		No		Don't know							
				#	%	#	%	#	%						
				1579	62.2%	233	9.2%	727	28.6%						
23	Does your agency/ department have an environmentally preferable purchasing policy?	All	2539	Yes		No		Don't know							
				#	%	#	%	#	%						
				1529	60.2%	147	5.8%	863	34.0%						
24	Does the policy require environmentally preferable purchasing or make it optional for the products and/or services that you purchase? (Check all that apply)			Required for all products/services that I purchase		Required for some products/services that I purchase		Encouraged for all products/services that I purchase		Encouraged for some products/ services that I purchase		Neither required nor encouraged for products/ services that I purchase			
				#	%	#	%	#	%	#	%	#	%		
				All purchasers with an agency EPP policy (q. 23)	1529	346	22.6%	493	32.2%	718	47.0%	237	15.5%	37	2.4%
				EPA purch. w/agency EPP policy	155	33	21.3%	61	39.4%	63	40.6%	21	13.5%	4	2.6%
				GSA purch. w/agency EPP policy	171	53	31.0%	63	36.8%	69	40.4%	26	15.2%	3	1.8%
				Energy purch. w/ agency EPP policy	19	6	31.6%	8	42.1%	9	47.4%	4	21.1%	2	10.5%
				USDA purch. w/agency EPP policy	278	44	15.8%	64	23.0%	153	55.0%	44	15.8%	4	1.4%
				Homeland Security purch. w/ agency EPP policy	146	37	25.3%	54	37.0%	72	49.3%	18	12.3%	4	2.7%
25	Executive Order (EO) 13514, "Federal Leadership in Environmental, Energy, and Economic Performance," was	All	2539	Not at all familiar		Slightly familiar		Moderately familiar		Very familiar		Don't know			
				#	%	#	%	#	%	#	%	#	%		
				837	33.0%	912	35.9%	513	20.2%	172	6.8%	105	4.1%		

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
	signed by President Obama in October 2009. How familiar are you with the contents of EO 13514?												
26	Have you changed your purchasing behavior in response to EO 13514?	All	2539	No, I do not purchase more environmentally preferable products/services in response to EO 13514		Yes, I purchase more environmentally preferable products/services in response to EO 13514		Don't know					
				#	%	#	%	#	%				
				812	31.98%	991	39.03%	736	29.0%				
27	Are you familiar with the USDA designated categories of biobased products for a Federal Procurement preference found at www.biopreferred.gov?	All	2539	Yes		No							
				#	%	#	%						
				810	31.9%	1729	68.1%						
28	Have you used the USDA designated categories of biobased products for a Federal Procurement preference found at www.biopreferred.gov?	Familiar with USDA categories (answered yes to Q27)	810	Yes		No							
				#	%	#	%						
				323	39.9%	487	60.1%						
29	In general, how would you describe your view towards environmentally preferable purchasing?	All	2539	Very negative		Somewhat negative		Somewhat positive		Very positive		Don't know/I haven't made up my mind	
				#	%	#	%	#	%	#	%	#	#
				42	1.65%	156	6.14%	995	39.19%	1050	41.35%	296	11.66%
30	In the PAST YEAR, approximately what percentage (expenditures) of the products/services that you purchased was environmentally preferable?			Less than 25%		25 - 50%		51 - 75%		More than 75%		Don't know	
				#	%	#	%	#	%	#	%	#	%
		All	2539	857	33.8%	429	16.9%	261	10.3%	181	7.1%	811	31.9%
		EPA	191	65	34.0%	36	18.8%	15	7.9%	23	12.0%	52	27.2%
		GSA	194	52	26.8%	44	22.7%	33	17.0%	22	11.3%	43	22.2%
		Energy	25	6	24.0%	5	20.0%	3	12.0%	3	12.0%	8	32.0%
		USDA	413	165	40.0%	83	20.1%	37	9.0%	15	3.6%	113	27.4%
Homeland Security	317	106	33.4%	50	15.8%	33	10.4%	18	5.7%	110	34.7%		
31	Have you been performing federal purchasing activities (i.e., making purchasing decisions, identifying vendors or suppliers, conducting prepurchase evaluations, and/or purchasing products/services) for THREE YEARS OR LONGER?	All	2539	Yes		No							
				#	%	#	%						
				1980	78.0%	559	22.0%						
32	Do you feel more knowledgeable,	Purchasers who	1980	Less knowledgeable	Equally	More knowledgeable	Don't know						

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES										
				knowledgeable		knowledgeable		knowledgeable		knowledgeable		knowledgeable		
				#	%	#	%	#	%	#	%			
	less knowledgeable, or equally knowledgeable about environmentally preferable purchasing today than you did THREE YEARS AGO?	have performed activities for 3 or more years (Answered 'Yes' to Q31)		96	4.8%	763	38.5%	1048	52.9%	73	3.7%			
33	Over the PAST THREE YEARS, has your attitude towards environmentally preferable purchasing become more favorable, less favorable, or stayed the same?	Purchasers who have performed activities for 3 or more years (Answered 'Yes' to Q31)	1980	Less favorable		Stayed the same		More favorable		Don't know				
				#	%	#	%	#	%	#	%			
				97	4.9%	983	49.6%	848	42.8%	52	2.6%			
34	Over the PAST THREE YEARS, has the portion of products/services that you purchased that was environmentally preferable increased, decreased, or stayed the same?	Purchasers who have performed activities for 3 or more years (Answered 'Yes' to Q31)	1980	Decreased		Stayed the same		Increased		Don't know				
				#	%	#	%	#	%	#	%			
				30	1.5%	833	42.1%	831	42.0%	286	14.4%			
35	In the PAST YEAR, have you purchased desktop computers, laptop computers, and/or computer monitors?	All	2539	Yes		No								
				#	%	#	%							
				577	22.7%	1962	77.3%							
36	How important is each of the following factors in your purchasing decisions for desktop computers, laptop computers, and computer monitors?	Electronics purchasers	577	Not at all important		Slightly important		Moderately important		Very important		Don't know / No opinion / Not Applicable		
				#	%	#	%	#	%	#	%	#	%	
				Cost	5	0.9%	13	2.3%	112	19.4%	416	72.1%	31	5.4%
				Quality	3	0.5%	5	0.9%	64	11.1%	472	81.8%	33	5.7%
				Best value	5	0.9%	22	3.8%	77	13.3%	434	75.2%	39	6.8%
				Brand reputation	40	6.9%	100	17.3%	182	31.5%	212	36.7%	43	7.5%
				Past experience with the product	24	4.2%	61	10.6%	139	24.1%	316	54.8%	37	6.4%
				Meeting exact specifications	7	1.2%	26	4.5%	99	17.2%	415	71.9%	30	5.2%
				Environmental attributes	43	7.5%	89	15.4%	173	30.0%	212	36.7%	60	10.4%
				Easiest to purchase of all available choices	62	10.7%	104	18.0%	171	29.6%	185	32.1%	55	9.5%
				Small business setasides	59	10.2%	79	13.7%	127	22.0%	232	40.2%	80	13.9%
Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	46	8.0%	61	10.6%	85	14.7%	295	51.1%	90	15.6%				

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
				Checked		Not checked							
				#	%	#	%	#	%	#	%	#	%
	Other	Electronics purchasers	577	45	7.8%	18	3.1%	28	4.9%	64	11.1%	422	73.1%
37	If other, please specify.	Specified "Other" for Q36	61										
38	Which of the following environmental standards/labels do you typically look for when purchasing computers and monitors? (check all that apply)			Checked		Not checked							
				#	%	#	%						
	Energy Star	Electronics purchasers	577	469	81.3%	108	18.7%						
	Federal Energy Management Program	Electronics purchasers	577	139	24.1%	438	75.9%						
	Electronic Product Environmental Assessment Tool (EPEAT) (IEEE 1680 standard)	Electronics purchasers	577	188	32.6%	389	67.4%						
	None of the above	Electronics purchasers	577	74	12.8%	503	87.2%						
	Other	Electronics purchasers	577	32	5.5%	545	94.5%						
39	In the PAST YEAR, approximately what percent of the computers and monitors that you purchased was Energy Star certified?	Electronics purchasers	577	Less than 25%		25-50%		51-75%		More than 75%		Don't know	
				#	%	#	%	#	%	#	%	#	%
				28	4.9%	36	6.2%	44	7.6%	307	53.2%	162	28.1%
40	In the PAST YEAR, approximately what percent of the computers and monitors that you purchased was FEMP certified?	Electronics purchasers	577	Less than 25%		25-50%		51-75%		More than 75%		Don't know	
				#	%	#	%	#	%	#	%	#	%
				23	4.0%	30	5.2%	20	3.5%	84	14.6%	420	72.8%
41	In the PAST YEAR, approximately what percent of computers and monitors that you purchased was EPEAT (IEEE 1680 standard) certified?	Electronics purchasers	577	Less than 25%		25-50%		51-75%		More than 75%		Don't know	
				#	%	#	%	#	%	#	%	#	%
				22	3.8%	23	4.0%	32	5.5%	126	21.8%	374	64.8%
42	What are your reasons for not buying (more) EPEAT (IEEE 1680 standard) certified products? (Check all that apply)			Checked		Not checked							
				#	%	#	%						
	I'm not required to buy EPEAT products	Purchasers buying < 50% EPEAT	45	8	17.8%	37	82.2%						
	I don't know which products are EPEAT certified	Purchasers buying < 50% EPEAT	45	15	33.3%	30	66.7%						
	I've been directed to purchase specific models/brands that are not EPEAT certified	Purchasers buying < 50% EPEAT	45	5	11.1%	40	88.9%						

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
				Yes		No		Don't know					
	Higher initial cost of EPEAT products	Purchasers buying < 50% EPEAT	45	8	17.8%	37	82.2%						
	Previous negative experience with EPEAT products	Purchasers buying < 50% EPEAT	45	0	0.0%	45	100.0%						
	None of the above	Purchasers buying < 50% EPEAT	45	13	28.9%	32	71.1%						
	Other	Purchasers buying < 50% EPEAT	45	4	8.9%	41	91.1%						
43	Does your facility or agency participate in the Federal Electronics Challenge (FEC)?	All	2539	Yes		No		Don't know					
				#	%	#	%	#	%				
				197	7.8%	152	6.0%	2190	86.3%				
44	To what extent do you agree or disagree with the following statement: "The Federal Electronics Challenge (FEC) motivates me to purchase more environmentally preferable electronic products"?	Those whose facility or agency participates in the FEC (Answered 'Yes' to Q43)	197	Strongly disagree		Somewhat disagree		Somewhat agree		Strongly agree		Don't know	
				#	%	#	%	#	%	#	%	#	%
				25	12.7%	10	5.1%	79	40.1%	58	29.4%	25	12.7%
45	Have you used the Electronics Environmental Benefits Calculator (EEBC)?	All	2539	Yes		No							
				#	%	#	%						
		Electronics purchasers only	577	Yes		No							
				#	%	#	%						
				27	4.7%	550	95.3%						
46	How helpful or unhelpful was the Electronics Environmental Benefits Calculator (EEBC) in understanding the environmental benefits of purchasing environmentally preferable computer products?	Those who have used the EEBC (Answered 'Yes' to Q45)	42	Not at all helpful		Marginally helpful		Moderately helpful		Very helpful			
				#	%	#	%	#	%	#	%		
				4	9.5%	8	19.0%	20	47.6%	10	23.8%		
47	In the PAST YEAR, have you purchased building and construction products (including but not limited to floor tiles, floor coverings, carpets, gypsum board/wallboard, ceiling panels, wall finishing materials, thermal insulation, etc.) and/or office furniture?	All	2539	Yes		No							
				#	%	#	%						
				539	21.2%	2000	78.8%						
48	How important is each of the			Not at all important		Slightly important		Moderately		Very important		Don't know / No	

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
								important				opinion / Not Applicable	
				#	%	#	%	#	%	#	%	#	%
	following factors in your purchasing decisions for building and construction products/office furniture?												
	Cost	Buildings products purchasers	539	0	0.0%	7	1.3%	94	17.4%	432	80.1%	6	1.1%
	Quality	Buildings products purchasers	539	0	0.0%	6	1.1%	67	12.4%	458	85.0%	8	1.5%
	Best value	Buildings products purchasers	539	4	0.7%	5	0.9%	68	12.6%	453	84.0%	9	1.7%
	Brand reputation	Buildings products purchasers	539	48	8.9%	121	22.4%	206	38.2%	141	26.2%	23	4.3%
	Past experience with the product	Buildings products purchasers	539	18	3.3%	60	11.1%	189	35.1%	250	46.4%	22	4.1%
	Meeting exact specifications	Buildings products purchasers	539	4	0.7%	29	5.4%	155	28.8%	340	63.1%	11	2.0%
	Environmental attributes	Buildings products purchasers	539	26	4.8%	86	16.0%	188	34.9%	221	41.0%	18	3.3%
	Easiest to purchase of all available choices	Buildings products purchasers	539	60	11.1%	101	18.7%	196	36.4%	151	28.0%	31	5.8%
	Small business setasides	Buildings products purchasers	539	40	7.4%	75	13.9%	148	27.5%	237	44.0%	39	7.2%
	Mandatory sources (e.g., AbilityOne, NIB/NISH, UNICOR)	Buildings products purchasers	539	46	8.5%	57	10.6%	125	23.2%	253	46.9%	58	10.8%
	Other	Buildings products purchasers	539	42	7.8%	6	1.1%	35	6.5%	37	6.9%	419	77.7%
49	If other, please specify.	Specified "Other" for Q48	46										
50	Which of the following environmental standards/labels do you typically look for when purchasing building and construction products/office furniture? (Check all that apply)			Checked		Not checked							
				#	%	#	%						
	BIFMA e3	Buildings	539	63	11.7%	476	88.3%						

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
		products purchasers											
	BioPreferred	Buildings products purchasers	539	192	35.6%	347	64.4%						
	Comprehensive Procurement Guidelines (CPG)	Buildings products purchasers	539	102	18.9%	437	81.1%						
	Forest Stewardship Council (FSC)	Buildings products purchasers	539	83	15.4%	456	84.6%						
	GreenGuard	Buildings products purchasers	539	103	19.1%	436	80.9%						
	Green Seal	Buildings products purchasers	539	147	27.3%	392	72.7%						
	Low Volatile Organic Compounds (VOC)	Buildings products purchasers	539	207	38.4%	332	61.6%						
	NSF/ANSI Standard 140 (carpet standard)	Buildings products purchasers	539	131	24.3%	408	75.7%						
	NSF/ANSI Standard 332 (floor covering standard)	Buildings products purchasers	539	133	24.7%	406	75.3%						
	ULE ISR 100 (gypsum board/wallboard standard)	Buildings products purchasers	539	88	16.3%	451	83.7%						
	None of the above	Buildings products purchasers	539	140	26.0%	399	74.0%						
	Other	Buildings products purchasers	539	26	4.8%	513	95.2%						
51	In the PAST YEAR, approximately what percent of the building and construction products/office furniture that you purchased was certified to ONE OR MORE of the environmental standards listed in the previous question?	Building products purchasers	539	Less than 25%		25-50%		51-75%		More than 75%		Don't know	
				#	%	#	%	#	%	#	%	#	%
				128	23.75%	85	15.77%	73	13.54%	60	11.13%	193	35.81%
52	What are your reasons for not buying (more) environmentally certified building and construction products/ office			Checked		Not checked							
				#	%	#	%						

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
	furniture? (Check all that apply)												
	I'm not required to buy environmentally certified building/ construction products	Purchasers buying < 50% cert. B&C products	213	14	6.6%	199	93.4%						
	I don't know which building/construction products are certified	Purchasers buying < 50% cert. B&C products	213	68	31.9%	145	68.1%						
	I've been directed to purchase specific models/brands of building/construction products that are not environmentally certified	Purchasers buying < 50% cert. B&C products	213	33	15.5%	180	84.5%						
	Higher initial cost of environmentally certified building/ construction products	Purchasers buying < 50% cert. B&C products	213	52	24.4%	161	75.6%						
	Previous negative experience with environmentally certified building/ construction products	Purchasers buying < 50% cert. B&C products	213	14	6.6%	199	93.4%						
	None of the above	Purchasers buying < 50% cert. B&C products	213	65	30.5%	148	69.5%						
	Other	Purchasers buying < 50% cert. B&C products	213	30	14.1%	183	85.9%						
53	Have you used the Federal Green Construction Guide for Specifiers?	All	2539	Yes		No							
				#	%	#	%						
				109	4.3%	2430	95.7%						
		Building products purchasers	539	69	12.8%	470	87.2%						
54	Are products that meet the criteria of the Federal Green Construction Guide for Specifiers given priority in your purchasing decisions?	FGCG users	109	Yes		No							
				#	%	#	%						
				91	83.5%	18	16.5%						
55	Are products that meet the criteria of the Federal Green Construction Guide for Specifiers optional or required by your agency/department?	FGCG users	109	Optional		Required		Don't Know					
				#	%	#	%	#	%				
				28	25.7%	55	50.5%	26	23.9%				

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES											
				Yes		No									
56	In the PAST YEAR, have you purchased carpeting?	All	2539												
				#	%	#	%								
				181	7.1%	2358	92.9%								
57	How often do you consider environmental factors in your purchasing decisions for carpeting?	Carpet purchasers	181	Never		Rarely		Sometimes		Most or all of the time					
				#	%	#	%	#	%	#	%				
				7	3.9%	25	13.8%	49	27.1%	100	55.2%				
58	How familiar are you with the NSF/ANSI140 carpet standard?	Carpet purchasers	181	Not at all familiar		Slightly familiar		Moderately familiar		Very familiar					
				#	%	#	%	#	%	#	%				
				64	35.4%	66	36.5%	38	21.0%	13	7.2%				
59	Over the PAST YEAR, approximately what percent of the carpet that you purchased was NSF/ANSI140 certified?	Carpet purchasers	181	Less than 25%		25-50%		51-75%		More than 75%		Don't know			
				#	%	#	%	#	%	#	%	#	%		
				16	8.8%	13	7.2%	21	11.6%	50	27.6%	81	44.8%		
60	In the PAST YEAR, have you purchased floor coverings?	All	2539	Yes		No									
				#	%	#	%								
				166	6.5%	2373	93.5%								
61	How often do you consider environmental factors in your purchasing decisions for floor coverings?	Floor coverings purchasers	166	Never		Rarely		Sometimes		Most or all of the time					
				#	%	#	%	#	%	#	%				
				13	7.8%	24	14.5%	45	27.1%	84	50.6%				
62	How familiar are you with the NSF/ANSI332 standard for floor coverings?	Floor coverings purchasers	166	Not at all familiar		Slightly familiar		Moderately familiar		Very familiar					
				#	%	#	%	#	%	#	%				
				69	41.6%	56	33.7%	30	18.1%	11	6.6%				
63	In the PAST YEAR, approximately what percent of floor coverings that you purchased was NSF/ANSI332 certified?	Floor coverings purchasers	166	Less than 25%		25-50%		51-75%		More than 75%		Don't know			
				#	%	#	%	#	%	#	%	#	%		
				15	9.0%	13	7.8%	25	15.1%	33	19.9%	80	48.2%		
64	In the PAST YEAR, have you purchased office furniture?	All	2539	Yes		No									
				#	%	#	%								
				543	21.4%	1996	78.6%								
65	How often do you consider environmental factors in your purchasing decisions for office furniture?	Furniture purchasers	543	Never		Rarely		Sometimes		Most or all of the time					
				#	%	#	%	#	%	#	%				
				89	16.4%	111	20.4%	173	31.9%	170	31.3%				
66	How familiar are you with the BIFMA e3 standard for office furniture?	Furniture purchasers	543	Not at all familiar		Slightly familiar		Moderately familiar		Very familiar					
				#	%	#	%	#	%	#	%				
				394	72.6%	79	14.5%	55	10.1%	15	2.8%				
67	In the PAST YEAR, approximately what percent of office furniture that you purchased was BIFMA e3 certified?	Furniture purchasers	543	Less than 25%		25-50%		51-75%		More than 75%		Don't know			
				#	%	#	%	#	%	#	%	#	%		
				59	10.9%	30	5.5%	21	3.9%	31	5.7%	402	74.0%		
68	In the PAST YEAR, have you purchased gypsum board/wallboard?	All	2539	Yes		No									
				#	%	#	%								
				141	5.6%	2397	94.4%								

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
				Never		Rarely		Sometimes		Most or all of the time			
69	How often do you consider environmental factors in your purchasing decisions for gypsum board/wallboard?	Gypsum board purchasers	141										
				#	%	#	%	#	%	#	%		
				20	14.2%	27	19.1%	39	27.7%	55	39.0%		
70	How familiar are you with the ULE ISR 100 standard for gypsum board/wallboard?	Gypsum board purchasers	141	Not at all familiar		Slightly familiar		Moderately familiar		Very familiar			
				#	%	#	%	#	%	#	%		
				67	47.5%	41	29.1%	23	16.3%	10	7.1%		
71	In the PAST YEAR, approximately what percent of gypsum board/wallboard that you purchased was ULE ISR 100 certified?	Gypsum board purchasers	141	Less than 25%		25-50%		51-75%		More than 75%		Don't know	
				#	%	#	%	#	%	#	%	#	%
				20	14.2%	15	10.6%	17	12.1%	20	14.2%	69	48.9%
72	What resources do you use to make purchasing decisions? (Check all that apply)			Checked		Not checked							
				#	%	#	%						
	Procurement policies, guidance documents, and/or specifications created by your agency/department	All	2539	2259	89.0%	280	11.0%						
	EPA's EPP website: www.epa.gov/epp	All	2539	389	15.3%	2150	84.7%						
	Guidance and materials issued by EPA	All	2539	449	17.7%	2090	82.3%						
	Guidance and materials issued by other federal agencies	All	2539	495	19.5%	2044	80.5%						
	Federal Acquisition Regulations (FAR)	All	2539	2039	80.3%	500	19.7%						
	Presidential Executive Orders	All	2539	985	38.8%	1554	61.2%						
	Instructions from your manager	All	2539	1373	54.1%	1166	45.9%						
	Advice from colleagues	All	2539	985	38.8%	1554	61.2%						
None of the above	All	2539	48	1.9%	2491	98.1%							
Other	All	2539	102	4.0%	2437	96.0%							
73	How familiar are you with the U.S. EPA's Environmentally Preferable Purchasing (EPP) Program?	All	2539	Not at all familiar		Slightly familiar		Moderately familiar		Very familiar			
				#	%	#	%	#	%	#	%		
				1030	40.6%	1081	42.6%	346	13.6%	82	3.2%		
74	The following list includes resources offered by EPA's EPP Program. For resources that you have used and interactions that you have had in the PAST YEAR, please indicate the extent to which each resource or interaction helped you to buy environmentally			Not at all helpful		Marginally helpful		Moderately helpful		Very helpful		Not applicable	
				#	%	#	%	#	%	#	%	#	%

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
	preferable products or services. If you have not used a particular resource or had a particular interaction in the past year, check "Not applicable".												
	Accessed information on EPA's EPP website: www.epa.gov/epp	All	2539	35	1.4%	156	6.1%	325	12.8%	232	9.1%	1791	70.5%
		>> results excluding the N/As	748	35	4.7%	156	20.9%	325	43.4%	232	31.0%		
	Used EPP tools/environmental benefits calculator	All	2539	48	1.9%	103	4.1%	150	5.9%	98	3.9%	2140	84.3%
		>> results excluding the N/As	399	48	12.0%	103	25.8%	150	37.6%	98	24.6%		
	Used EPP's guidance documents	All	2539	45	1.8%	145	5.7%	278	10.9%	185	7.3%	1886	74.3%
		>> results excluding the N/As	653	45	6.9%	145	22.2%	278	42.6%	185	28.3%		
	Used EPP's model policy, contract language, and/or specifications	All	2539	45	1.8%	122	4.8%	207	8.2%	133	5.2%	2032	80.0%
		>> results excluding the N/As	507	45	8.9%	122	24.1%	207	40.8%	133	26.2%		
	Attended a seminar or conference where EPP staff made a presentation	All	2539	37	1.5%	53	2.1%	91	3.6%	97	3.8%	2261	89.1%
		>> results excluding the N/As	278	37	13.3%	53	19.1%	91	32.7%	97	34.9%		
	Attended a training event offered by EPP staff	All	2539	34	1.3%	53	2.1%	92	3.6%	89	3.5%	2271	89.4%
		>> results excluding the N/As	268	34	12.7%	53	19.8%	92	34.3%	89	33.2%		
	Participated in a working group with EPP staff	All	2539	37	1.5%	37	1.5%	53	2.1%	66	2.6%	2346	92.4%
		>> results excluding the N/As	193	37	19.2%	37	19.2%	53	27.5%	66	34.2%		
	Engaged in regular (informal) interactions with EPP staff	All	2539	38	1.5%	42	1.7%	53	2.1%	67	2.6%	2339	92.1%
		>> results excluding the N/As	200	38	19.0%	42	21.0%	53	26.5%	67	33.5%		
	Received direct technical assistance from EPP staff	All	2539	38	1.5%	34	1.3%	55	2.2%	69	2.7%	2343	92.3%
		>> results excluding the N/As	196	38	19.4%	34	17.3%	55	28.1%	69	35.2%		
	Other	All	2539	46	1.8%	27	1.1%	48	1.9%	46	1.8%	2372	93.4%
		>> results excluding the	167	46	27.5%	27	16.2%	48	28.7%	46	27.5%		

SURVEY QUESTION #	SURVEY QUESTION	SUBSAMPLE DESCRIPTION	# OF RESPONSES	SURVEY RESPONSES									
		N/As											
75	If other, please specify.	Specified "Other" for Q74	96										

APPENDIX D. INTERVIEW GUIDES

The following interview guides include the key questions for each interview category. IEC also developed customized interview guides for specific interviews, and asked additional follow-up questions during the interviews as appropriate.

INTERVIEW GUIDE: EPP STAFF

Introductory Questions

1. Can you briefly summarize your past and current work in EPP in the areas of building products, electronics, and environmentally preferable meetings and hospitality?

Addresses Evaluation Question(s): 6

2. Beyond the work that you have personally been involved in, what other EPP activities are you aware of in these areas? Please describe.

Addresses Evaluation Question(s): 6

Questions on Standards

3. Were you actively involved in developing [x] standard? [list as applicable]
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. If yes, describe your involvement.
 - b. Who else was involved?
 - c. Did you or someone else from EPP staff co-chair the standards process or otherwise have a leadership role?

Addresses Evaluation Question(s): 12

4. [Ask as applicable] If you were not actively involved, are you familiar with the development and implementation of any of these standards?
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)

Addresses Evaluation Question(s): 12

5. *[Ask if EPA programmatic elements, e.g., Energy Star, WaterSense, are incorporated into standard.]* How did [the EPA program element] end up being incorporated into the standard?
- What role did you [or the other EPP staff person] play in making it happen?

Addresses Evaluation Question(s): 12

6. Within the process of working on this standard, do you think that EPP should have done anything differently in terms of its participation and the substance of its recommendations?
- If yes, elaborate.

Addresses Evaluation Question(s): 12, 14

7. *[For each standard with which they are familiar]* Do you think that [x] standard has had an impact in terms of changing buying behavior in the general marketplace (outside of the federal government)?
- Why or why not?
 - Do you think that manufacturers (or service providers) are creating products or services that meet the requirements of the standard?
 - Do you think that purchasers are seeking out products or services that meet the requirements of the standard?
 - Do you think that the standard influenced others to become more sustainable, even if they have not formally adopted the standard? If yes, explain.

Addresses Evaluation Question(s): 11, 12

8. *[Ask for stakeholders in flooring, furniture, and gypsum board standards]* As we understand, there are a fairly limited number of manufacturers who have embraced [x] standard. *[Provide specific information on the number of manufacturers making certified products]*
- Why do think this is?
 - [x standard] was finalized in [year]. Do you believe more manufacturers will start producing certified products in the coming years?
 - What, if anything, could EPP do to encourage more manufacturers to produce products certified to the standard?

Addresses Evaluation Question(s): 12

9. *[For each standard with which they are familiar]* In your assessment, what factors led to the success (or lack thereof) of [x] standard?
- Factors may include:
 - Characteristics of the product itself
 - Industry characteristics
 - Engagement/buy-in of specific stakeholders
 - Effectiveness of EPP staff
 - Competing standards in the marketplace
 - Characteristics of the standard [e.g., stringency/cost, focus on important environmental concerns, etc.]
 - Consumer awareness/demand

- b. *[For each of the factors mentioned]* How did this factor affect the adoption of this standard?

Addresses Evaluation Question(s): 12

10. Has EPP made an effort that you are aware of to promote federal purchasing of products that meet voluntary sustainability standards? Specifically:
- NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
- a. If yes, what form did that effort take?
- b. How effective was that effort?

Addresses Evaluation Question(s): 7, 12

11. *[For each standard with which they are familiar]* Do you think that the experience with [x] standard has implications for voluntary standards efforts in other areas?
- a. If yes, please elaborate.

Addresses Evaluation Question(s): 12

Questions on Other Aspects of EPP

12. Does EPP (or other EPA divisions, including OAM as relevant) share EPP policies or implementation mechanisms with other agencies?
- a. If yes, how and with whom?
- b. Do you know if other agencies have used this information? If yes, describe.

Addresses Evaluation Question(s): 7

13. Did you participate in any interagency work groups or other groups on purchasing issues? If yes,
- a. What was the nature of the workgroup?
- b. How would you characterize the input or assistance provided by EPP?
- c. How often did you interact with the work group, and over what period of time?
- d. Was the end product of the work group strengthened as a result of EPP input?
- i. If yes, in what way?

Addresses Evaluation Question(s): 7

14. Do you consider “leading by example” to be a major component of EPP’s mission?
- a. Why or why not?
- b. How do you define “leading by example”? Do you define it strictly as EPA leading in purchases of environmentally preferable products and services, or do you define it more broadly?
- i. If you define it more broadly, please explain.

Addresses Evaluation Question(s): 4

15. How is the *Federal Green Construction Guide for Specifiers* used to guide federal purchasing of building products?
- a. Are products meeting those criteria given priority by some agencies? If yes, please elaborate.
 - b. Has the language of the *Guide* been incorporated into other purchasing guidance documents?
 - i. If yes, which guidance documents, and how are those guidance documents being utilized?
 - ii. Are purchases of products consistent with those guidance documents required or optional?
 - iii. If optional, are compliant products given any kind of priority?

Addresses Evaluation Question(s): 2, 4

16. To your knowledge, is the *Federal Green Construction Guide for Specifiers* used widely by EPA?
- a. What about within the federal government as a whole?
 - b. Outside the federal government?

Addresses Evaluation Question(s): 2, 4, 10

INTERVIEW GUIDE: EPA OAM

1. How has EPA purchaser awareness of environmentally preferable products and services changed over the past 10 years?

Addresses Evaluation Question(s): 1, 4

2. Which, if any, of the following environmentally preferable product standards have been incorporated into specifications and contract language governing EPA purchasing over the past 10 years?
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. How are those environmentally preferable criteria being utilized?
 - b. How are the environmentally preferable criteria used within the purchasing schedules?
 - c. Are purchases of environmentally preferable products, versus non-environmentally preferable products, required or optional?
 - i. If optional, are environmentally preferable products given any kind of priority?

Addresses Evaluation Question(s): 2, 4, 6

3. Outside of the standards discussed above, are there any other environmentally preferable criteria that have been incorporated into specifications and contract language governing EPA purchasing over the past 10 years?
 - a. How are those environmentally preferable criteria being utilized?
 - b. How are the environmentally preferable criteria identified within the specifications, contract language, etc.?
 - c. Are purchases of environmentally preferable products, versus non-environmentally preferable products, required or optional?
 - i. If optional, are environmentally preferable products given any kind of priority?

Addresses Evaluation Question(s): 2, 4

4. How is the *Federal Green Construction Guide for Specifiers* used to guide federal purchasing of building products at EPA?
 - a. Are products that meet the criteria of the *Guide* optional or required?
 - b. Are products meeting those criteria given any kind of priority?
 - c. Has the language of the *Guide* been incorporated into other purchasing guidance documents?
 - i. If yes, which guidance documents, and how are those guidance documents being utilized?
 - ii. Are purchases of products consistent with those guidance documents required or optional?

If optional, are compliant products given any kind of priority? **Addresses Evaluation Question(s): 2, 4, 6**

5. To your knowledge, is the *Federal Green Construction Guide for Specifiers* used widely within EPA?
 - a. What about within the federal government as a whole?

Addresses Evaluation Question(s): 2, 4, 6

6. Aside from changes to specifications and contract language, how else has EPA changed the policy or process of purchasing environmentally preferable products and services over the past 10 years?
 - a. Do you think that any EPP resources or program activities contributed to changes in purchases? If yes, explain.
 - b. What other factors drove this change?
 - i. Did any of these factors play a role?
 - Compliance with Executive Orders and other requirements
 - Pressure from stakeholders within the federal government
 - Pressure from stakeholders outside the federal government
 - Increased awareness of and concern for environmental impacts of products
 - Increased availability of environmentally preferable products and services in the marketplace
 - Changes in cost of environmentally preferable products and services relative to non-environmentally preferable products and services
 - Other
 - c. *[For each factor identified]* Please describe the impact this factor had on promoting changes to the purchasing process.

Addresses Evaluation Question(s): 2, 4, 6

7. If EPA has adopted new environmentally preferable purchasing policies within the past 10 years, to what extent are these policies being implemented as designed?
 - a. What tracking or compliance mechanisms are in place?
 - b. Are there barriers to implementation? If yes, please explain.

Addresses Evaluation Question(s): 2, 4, 6

8. To your knowledge, what changes in actual EPA purchasing *behavior* have occurred over the past 10 years?
 - a. Do you think that any EPP resources or program activities contributed to changes in purchasing behavior? If yes, explain.
 - b. What other factors drove policy change?
 - i. Did any of these factors play a role?
 - Compliance with Executive Orders and other requirements
 - Pressure from stakeholders within the federal government
 - Pressure from stakeholders outside the federal government
 - Increased awareness of and concern for environmental impacts of products
 - Increased availability of environmentally preferable products and services in the marketplace
 - Changes in cost of environmentally preferable products and services relative to non-environmentally preferable products and services
 - Other
 - c. *[For each factor identified]* Please describe the impact this factor had on promoting changes in purchasing behavior.

Addresses Evaluation Question(s): 4, 6a

9. Have you personally worked with any EPP staff? If yes:
 - a. What was the nature of your interaction?
 - b. What was the substance of the input or assistance provided by EPP?
 - c. How often did you interact with them, and over what period of time?
 - d. Was the input that EPP staff provided relevant to your responsibilities and interests? Why or why not?

Addresses Evaluation Question(s): 4, 7

10. *[If yes to Question 9]* What were your expectations for your interaction with EPP staff with respect to:
 - a. Substance
 - b. Actionable results
 - c. Level of detail/specificity
 - d. Frequency of interaction
 - e. Timeliness of EPP inputs/responses
 - f. Duration (e.g., one-time vs. ongoing)
 - g. *[For each expectation identified]* Did they meet expectations?
 - i. Why or why not?
 - ii. Did the EPP interaction effectively promote the purchase of environmentally preferable products?
 1. If yes, in what way?

Addresses Evaluation Question(s): 4, 7

11. Did you participate in any interagency work groups or other groups on purchasing issues with EPP staff?
 - a. What was the nature of the workgroup?
 - b. Did EPP provide helpful input into the work group?
 - c. How substantive was the input or assistance provided by EPP?
 - d. How often did you interact with them, and over what period of time?
 - e. Was the end product of the work group strengthened as a result of EPP input?
 - i. If yes, in what way?

Addresses Evaluation Question(s): 4, 7

12. Has EPP made an effort that you are aware of to promote federal purchasing of products that meet voluntary sustainability standards? Specifically:
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. If yes, what form did that effort take?
 - b. How effective was that effort?
 - c. Did it result in any changes in purchasing policy and/or behavior at EPA? If yes, describe.

Addresses Evaluation Question(s): 4, 7, 12

13. Has OAM shared policies or implementation mechanisms outside the agency?
 - a. If yes, how and with whom?
 - b. Do you know if other agencies have used this information? If yes, describe.

Addresses Evaluation Question(s): 4, 7

INTERVIEW GUIDE: FEDERAL PURCHASING MANAGERS

1. Which, if any, of the following environmentally preferable product standards have been incorporated into specifications and contract language governing purchasing over the past 10 years?
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. How are those environmentally preferable criteria being utilized?
 - b. How are the environmentally preferable criteria used within the purchasing schedules?
 - c. Are purchases of environmentally preferable products, versus non-environmentally preferable products, required or optional?
 - i. If optional, are environmentally preferable products given any kind of priority?

Addresses Evaluation Question(s): 2, 6

2. Outside of the standards discussed above, are there any other environmentally preferable criteria that have been incorporated into specifications and contract language governing purchasing over the past 10 years?
 - a. How are those environmentally preferable criteria being utilized?
 - b. How are the environmentally preferable criteria identified within the specifications, contract language, etc.?
 - c. Are purchases of environmentally preferable products, versus non-environmentally preferable products, required or optional?
 - i. If optional, are environmentally preferable products given any kind of priority?

Addresses Evaluation Question(s): 2

3. How is the *Federal Green Construction Guide for Specifiers* used to guide federal purchasing of building products?
 - a. Are products that meet the criteria of the *Guide* optional or required?
 - b. Are products meeting those criteria given any kind of priority?
 - c. Has the language of the *Guide* been incorporated into other purchasing guidance documents?
 - i. If yes, which guidance documents, and how are those guidance documents being utilized?
 - ii. Are purchases of products consistent with those guidance documents required or optional?
 - iii. If optional, are compliant products given any kind of priority?

Addresses Evaluation Question(s): 2, 6

4. To your knowledge, is the *Federal Green Construction Guide for Specifiers* used widely in your agency?
 - a. What about within the federal government as a whole?

Addresses Evaluation Question(s): 2, 6

5. Aside from changes to specifications and contract language, how else has your agency changed the policy or process of purchasing environmentally preferable products and services over the past 10 years?

- a. Do you think that any EPP resources or program activities contributed to changes in purchases? If yes, explain.
- b. What other factors drove this change?
 - i. Did any of these factors play a role?
 - Compliance with Executive Orders and other requirements
 - Pressure from stakeholders within the federal government
 - Pressure from stakeholders outside the federal government
 - Increased awareness of and concern for environmental impacts of products
 - Increased availability of environmentally preferable products and services in the marketplace
 - Changes in cost of environmentally preferable products and services relative to non-environmentally preferable products and services
 - Other
- c. *[For each factor identified]* Please describe the impact this factor had on promoting changes to the purchasing process.

Addresses Evaluation Question(s): 2, 6

6. If new environmentally preferable purchasing policies have been adopted within your agency within the past 10 years, to what extent are these policies being implemented as designed?
 - a. What tracking or compliance mechanisms are in place?
 - b. Are there barriers to implementation? If yes, please explain.

Addresses Evaluation Question(s): 2

7. What resources have you used to implement environmentally preferable purchasing?
 - a. Have you used any EPA resources?
 - b. Have you used any of the following resources developed by EPP?
 - Standards that EPP helped to develop:
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - EPP website (to find resources created by other organizations)
 - Briefings, presentations, or other information delivered in person by EPP staff
 - EPEAT registry for computers and monitors
 - Electronics Environmental Benefits Calculator
 - *Federal Green Construction Guide for Specifiers*
 - EPP procurement guidance for carpet
 - EPA Region 9's *Green Meetings and Conference Policy* (developed in 2009)
 - The Convention Industry Council's *Green Meetings Report* (developed in 2004)
 - Changes in procurement language to include greenhouse gas emissions as a criterion for airlines

Addresses Evaluation Question(s): 2, 6

8. *[For each resource identified above]* Did you use any of the above resources to make changes in purchasing policy?
 - a. If yes, please describe.

Addresses Evaluation Question(s): 6a

9. *[For each resource identified above]* How helpful was the EPP resource you used?

Addresses Evaluation Question(s): 6a

10. Were any of the above resources distributed to purchasers?
 - a. If yes, to what extent have purchasers used these resources?

Addresses Evaluation Question(s): 6a

11. To your knowledge, what changes in purchasing behavior have occurred over the past 10 years?
 - a. Do you think that any of the EPP resources that you discussed above contributed to changes in purchases? If yes, explain.
 - b. What other factors drove policy change?
 - i. Did any of these factors play a role?
 - Compliance with Executive Orders and other requirements
 - Pressure from stakeholders within the federal government
 - Pressure from stakeholders outside the federal government
 - Increased awareness of and concern for environmental impacts of products
 - Increased availability of environmentally preferable products and services in the marketplace
 - Changes in cost of environmentally preferable products and services relative to non-environmentally preferable products and services
 - Other
 - c. *[For each factor identified]* Please describe the impact this factor had on promoting changes to the purchasing process.

Addresses Evaluation Question(s): 4, 6a

12. In what ways has EPP staff worked with environmentally preferable purchasing programs at other federal agencies?

Addresses Evaluation Question(s): 7

13. Have you personally worked with any EPP staff?
 - a. What was the nature of your interaction?
 - b. How substantive was the input or assistance provided by EPP?
 - c. How often did you interact with them, and over what period of time?
 - d. Was the input that EPP staff provided relevant to your responsibilities and interests? Why or why not?

Addresses Evaluation Question(s): 7

14. Did you participate in any interagency work groups or other groups on purchasing issues with EPP staff?
 - a. What was the nature of the workgroup?
 - b. Did EPP provide helpful input into the work group?
 - c. How substantive was the input or assistance provided by EPP?
 - d. How often did you interact with them, and over what period of time?
 - e. Was the end product of the work group strengthened as a result of EPP input?
 - i. If yes, in what way?

Addresses Evaluation Question(s): 7

15. What were your expectations for your interaction with EPP staff with respect to:
 - a. Substance
 - b. Actionable results
 - c. Level of detail/specificity
 - d. Frequency of interaction
 - e. Timeliness of EPP inputs/responses
 - f. Duration (e.g., one-time vs. ongoing)
 - g. *[For each expectation identified]* Did they meet expectations?
 - i. Why or why not?
 - ii. Did the EPP interaction effectively promote the purchase of environmentally preferable products?
 1. If yes, in what way?

Addresses Evaluation Question(s): 7

16. Has EPP made an effort that you are aware of to promote federal purchasing of products that meet voluntary sustainability standards? Specifically:
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. If yes, what form did that effort take?
 - b. How effective was that effort?
 - c. Did it result in any changes in purchasing policy and/or behavior at your agency?

Addresses Evaluation Question(s): 7, 12

17. Do you have any quantitative data available on your agency's actual purchases of environmentally preferable building products?
 - a. If yes, could you provide that data to us?

Addresses Evaluation Question(s): 2, 3

INTERVIEW GUIDE: GSA SCHEDULE MANAGERS

[Note that IEC has already interviewed GSA Schedule Managers for carpet and furniture; as such, questions specific to these two products are not included here.]

1. Which, if any, of the following environmentally preferable product standards have been incorporated into the GSA purchasing schedules for products that you oversee over the past 10 years? [Note: not all standards may be applicable to all interviewees]
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. How are those environmentally preferable criteria being utilized?
 - b. How are the environmentally preferable criteria used within the purchasing schedules?
 - c. Are purchases of environmentally preferable products, versus non-environmentally preferable products, required or optional?
 - d. If optional, are environmentally preferable products given any kind of priority within the schedules?

Addresses Evaluation Question(s): 2, 6

2. Beyond the environmentally preferable product standards discussed above, are there any other environmentally preferable criteria that have been incorporated into the GSA purchasing schedules for building and construction products over the past 10 years? If yes:
 - a. How are those environmentally preferable criteria being utilized?
 - b. How are the environmentally preferable criteria used within the purchasing schedules?
 - c. Are purchases of environmentally preferable products, versus non-environmentally preferable products, required or optional?
 - i. If optional, are environmentally preferable products given any kind of priority within the schedules?

Addresses Evaluation Question(s): 2

3. [Note the apparent presence or absence of distributors listed under the GSA schedule(s) which the interviewee manages.] Our understanding is that where distributors are listed in the GSA schedules, products made by the manufacturers are being sold to the government by the distributors, but otherwise the government is buying the products directly from the manufacturers themselves with no middleman.
 - a. Is this correct?
 - b. If not, could you explain how the process works?

Addresses Evaluation Question(s): 2, 3

4. What standards and/or environmentally preferable criteria have been incorporated into *specifications and contract language* (not GSA schedules) over the past 10 years?
 - a. How are those environmentally preferable criteria being utilized?
 - b. How are the environmentally preferable criteria identified within the specifications, contract language, etc.?

- c. Are purchases of environmentally preferable products, versus non-environmentally preferable products, required or optional?
 - i. If optional, are environmentally preferable products given any kind of priority?

Addresses Evaluation Question(s): 2, 6

5. Aside from changes to specifications and contract language, and GSA schedules, how else have federal agencies changed the process of purchasing environmentally preferable products and services over the past 10 years?
 - a. What factors drove this change?
 - i. Did any of these factors play a role?
 - Compliance with Executive Orders and other requirements
 - Pressure from stakeholders within the federal government
 - Pressure from stakeholders outside the federal government
 - Increased awareness of and concern for environmental impacts of products
 - Increased availability of environmentally preferable products and services in the marketplace
 - Changes in cost of environmentally preferable products and services relative to non-environmentally preferable products and services
 - EPA EPP resources or other program activities
 - Other
 - b. *[For each factor identified]* Please describe the impact this factor had on promoting changes to the purchasing process.

Addresses Evaluation Question(s): 2

6. How is the *Federal Green Construction Guide for Specifiers* used to guide federal purchasing of building products?
 - a. Are products that meet the criteria of the *Guide* optional or required?
 - b. Are products meeting those criteria given any kind of priority?
 - c. Has the language of the *Guide* been incorporated into other purchasing guidance documents?
 - i. If yes, which guidance documents, and how are those guidance documents being utilized?
 - ii. Are purchases of products consistent with those guidance documents required or optional?
 - iii. If optional, are compliant products given any kind of priority?

Addresses Evaluation Question(s): 2, 6

INTERVIEW GUIDE: CONTACTS FOR GREEN HOSPITALITY AND TRAVEL

1. What resources have you used to implement environmentally preferable purchasing of hospitality and travel services?
 - a. Have you used any EPP resources?
 - b. Have you used any of the following resources developed by EPP?
 - EPA Region 9's *Green Meetings and Conference Policy* (developed in 2009)
 - The Convention Industry Council's *Green Meetings Report* (developed in 2004)
 - The ASTM suite of Green Meetings and Events standards, including ASTM E2745 for audio/visual and production; ASTM E2746 for communications and marketing; ASTM E2741 for destinations; ASTM E2742 for exhibits; ASTM E2773 for food and beverage; ASTM E2774 for meeting venues; ASTM E2747 for on-site offices; ASTM E2743 for transportation; and the draft ASTM standard on accommodation
 - Changes in procurement language to include greenhouse gas emissions as a criterion for contract airline routes

Addresses Evaluation Question(s): 6

2. Have new environmentally preferable purchasing policies for environmentally preferable hospitality and travel been adopted within your agency or organization within the past 10 years?
 - a. To what extent are these policies being implemented as designed?
 - b. What tracking or compliance mechanisms are in place?
 - c. Are there barriers to implementation? If yes, please explain.
 - d. What factors drove policy change?
 - i. Did any of these factors play a role (list out)?
 - Compliance with Executive Orders and other requirements
 - Pressure from stakeholders within the federal government
 - Pressure from stakeholders outside the federal government
 - Increased awareness of and concern for environmental impacts of products
 - Increased availability of environmentally preferable products and services in the marketplace
 - Changes in cost of environmentally preferable products and services relative to non-environmentally preferable products and services
 - Other
 - e. *[For each resource identified above]* Did you use any of the above resources to make changes in purchasing policy?
 - i. If yes, please describe.

Addresses Evaluation Question(s): 2, 4

3. *[For each resource identified above]* How helpful was the EPP resource you used?

Addresses Evaluation Question(s): 6a

4. Were any of the above resources distributed to purchasers?
 - a. If yes, to what extent have purchasers used these resources?

Addresses Evaluation Question(s): 6a

5. Has EPP made an effort that you are aware of to promote voluntary sustainability standards for travel and hospitality? Specifically:
- The ASTM suite of Green Meetings and Events standards, including ASTM E2745 for audio/visual and production; ASTM E2746 for communications and marketing; ASTM E2741 for destinations; ASTM E2742 for exhibits; ASTM E2773 for food and beverage; ASTM E2774 for meeting venues; ASTM E2747 for on-site offices; ASTM E2743 for transportation; and the draft ASTM standard on accommodation.
 - a. If yes, what form did that effort take?
 - b. How effective was that effort?
 - c. Did it result in any changes in purchasing policy and/or behavior at your agency?

Addresses Evaluation Question(s): 4, 6, 7, 12

6. To your knowledge, what changes in purchasing behavior have occurred over the past 10 years in the area of travel and hospitality?
- a. Do you think that any of the EPP resources that you discussed above contributed to changes in purchases? If yes, explain.
 - b. What other factors drove policy change?
 - i. Did any of these factors play a role?
 - Compliance with Executive Orders and other requirements
 - Pressure from stakeholders within the federal government
 - Pressure from stakeholders outside the federal government
 - Increased awareness of and concern for environmental impacts of products
 - Increased availability of environmentally preferable products and services in the marketplace
 - Changes in cost of environmentally preferable products and services relative to non-environmentally preferable products and services
 - Other

Addresses Evaluation Question(s): 3, 4, 6a

7. Do you have any data or information available on the proportion of environmentally preferable vs. non-environmentally preferable hospitality and travel bookings in your agency or organization that we could review?
- a. If yes, how does the data distinguish environmentally preferable vs. non-environmentally preferable hospitality and travel?
 - b. Does the data reflect compliance with any of the specific resources noted above?

Addresses Evaluation Question(s): 3, 4

8. In what ways has EPP staff worked with other federal agencies to promote environmentally preferable meetings and hospitality?

Addresses Evaluation Question(s): 7

9. Has EPA Region 9 (or other EPA divisions) shared Region 9's Green Meetings and Conference Policy outside the agency?

- a. If yes, how and with whom?
- b. Do you know if other agencies have used this information? If yes, describe.

Addresses Evaluation Question(s): 6, 7

10. *[For non-federal EPP staff only]* Have you personally worked with any EPP staff on environmentally preferable meetings and hospitality issues?
 - a. What was the nature of your interaction?
 - b. How substantive was the input or assistance provided by EPP?
 - c. How often did you interact with them, and over what period of time?
 - d. Was the input that EPP staff provided relevant to your responsibilities and interests? Why or why not?
 - e. *[For interagency work groups]* Was the end product of the work group strengthened as a result of EPP input?
 - i. If yes, in what way?

Addresses Evaluation Question(s): 7

11. *[For non-federal EPP staff only]* What were your expectations for your interaction with EPP staff with respect to:
 - a. Substance
 - b. Actionable results
 - c. Level of detail/specificity
 - d. Frequency of interaction
 - e. Timeliness of EPP inputs/responses
 - f. Duration (e.g., one-time vs. ongoing)
 - g. *[For each expectation identified]* Did they meet expectations?
 - i. Why or why not?
 - h. Did the EPP interaction effectively promote the purchase of environmentally preferable products?
 - i. If yes, in what way?

Addresses Evaluation Question(s): 7

12. Were you, or was someone else from your organization, actively involved in developing the suite of ASTM Green Meetings and Events standards?
 - a. If yes, describe your involvement.
 - b. Who was involved?
 - c. *[For non-federal EPP staff only]* Did the EPP staff co-chair the standards process or otherwise have a leadership role that you are aware of?

Addresses Evaluation Question(s): 12

13. *[If yes to Question 12]* Within the process of working on this standard, do you think that EPP should have done anything differently in terms of its participation and the substance of its recommendations?
 - a. If yes, elaborate.

Addresses Evaluation Question(s): 12, 14

14. As we understand, the ASTM Green Meetings and Events standards have been development for several years, due in part to some difficulties with earlier versions of the standards.
- a. What is your understanding of the nature of those difficulties?
 - b. What, if anything, could EPP have been done differently to address those difficulties?
 - c. Do you think that EPP should have done anything differently during those earlier efforts in terms of its participation and the substance of its recommendations?
 - i. If yes, elaborate.
 - d. What implications, if any, does the experience with the ASTM Green Meetings and Events standards have for voluntary standards efforts in other areas?

Addresses Evaluation Question(s): 12, 14

15. How do you think that the ASTM standards will impact hospitality and travel booking behavior in the general marketplace (outside of the federal government)?

Addresses Evaluation Question(s): 12, 13

INTERVIEW GUIDE: NON-FEDERAL PURCHASING MANAGERS

1. Please describe your environmentally preferable purchasing efforts.

Addresses Evaluation Question(s): 10

2. Have you made substantial changes in environmentally preferable purchasing efforts over the last 10 years? If yes, please explain.

Addresses Evaluation Question(s): 10

3. Do you have any data or reports on environmentally preferable purchasing trends from your organization that you could share with us? *[If yes, IEc will follow up via email to request data.]*

Addresses Evaluation Question(s): 10

4. What resources have you used to implement environmentally preferable purchasing?

Addresses Evaluation Question(s): 10

5. Have you used any EPA resources?
 - a. Have you used any of the following resources developed by EPA's EPP Program?
 - Standards that EPP helped to develop:
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - EPP website (to find resources created by other organizations)
 - Briefings, presentations, or other information delivered in person by EPP staff
 - EPEAT registry for computers and monitors
 - Electronics Environmental Benefits Calculator
 - *Federal Green Construction Guide for Specifiers*
 - EPP procurement guidance for carpet
 - EPA Region 9's *Green Meetings and Conference Policy* (developed in 2009)
 - The Convention Industry Council's *Green Meetings Report* (developed in 2004)
 - Changes in procurement language to include greenhouse gas emissions as a criterion for airlines
 - b. *[For each resource noted]* How have you made use of this output?
 - c. *[For each resource noted]* How helpful was the EPP resource?
 - d. *[For each resource noted]* Do you think the resource contributed to changes in purchases? If yes, explain.

Addresses Evaluation Question(s): 10

6. Have you ever been in direct communication with EPP staff on environmentally preferable purchasing issues?

- a. If yes, with whom were you in contact?
- b. What was the nature of your communication?
- c. What was the substance of the input or assistance provided by EPP?
- d. How often did you interact with them, and over what period of time?
- e. Was the input that EPP staff provided relevant to your responsibilities and interests? Why or why not?

Addresses Evaluation Question(s): 10

7. What were your expectations for your interaction with EPP staff with respect to:
 - a. Substance
 - b. Actionable results
 - c. Level of detail/specificity
 - d. Frequency of interaction
 - e. Timeliness of EPP inputs/responses
 - f. Duration (e.g., one-time vs. ongoing)
 - g. *[For each expectation identified]* Did they meet expectations?
 - i. Why or why not?
 - ii. Did the EPP interaction effectively promote the purchase of environmentally preferable products?
 1. If yes, in what way?

Addresses Evaluation Question(s): 10

8. Are you aware of other organizations that have also made use of EPP resources? If yes, which organizations?

Addresses Evaluation Question(s): 10

9. Are you familiar with any of the following standards?
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. *[For each standard with which they are familiar]* Do you think that [x] standard has had an impact in the marketplace?
 - b. Why or why not?
 - c. Do you think that manufacturers (or service providers) are creating products or services that meet the requirements of the standard?
 - d. Do you think that purchasers are seeking out products or services that meet the requirements of the standard?
 - e. Do you think that the standard influenced others to become more sustainable, even if they have not formally adopted the standard? If yes, explain.

Addresses Evaluation Question(s): 12

10. *[For each standard with which they are familiar]* In your assessment, what factors led to the success (or lack thereof) of [x] standard?
- a. Which of the following factors led to the success (or lack thereof) of [x] standard?
 - Characteristics of the product itself
 - Industry characteristics
 - Engagement/buy-in of specific stakeholders
 - Effectiveness of EPP staff
 - Competing standards in the marketplace
 - Characteristics of the standard [e.g., stringency/cost, focus on important environmental concerns, etc.]
 - Consumer awareness/demand
 - b. *[For each of these factors]:* How did this factor affect the adoption of this standard?

Addresses Evaluation Question(s): 12

11. Within the process of working on this standard, do you think that EPP should have done anything differently in terms of its participation and the substance of its recommendations?
- a. If yes, elaborate.

Addresses Evaluation Question(s): 12, 14

12. Are you familiar with any calculators or reports that quantify the environmental benefits of environmentally preferable building products in the following areas?
- Carpet
 - Flooring
 - Furniture
 - Gypsum board
- a. If yes, elaborate.
 - b. *[For each calculator or report mentioned]* Does this resource deal specifically with products certified under [x] standard?

Addresses Evaluation Question(s): 5

INTERVIEW GUIDE: VOLUNTARY CONSENSUS STANDARDS STAKEHOLDERS

1. Were you actively involved in developing [x] standard? [list as applicable]
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. If yes, describe your involvement.
 - b. Who else was involved?
 - c. Did EPP staff co-chair the standards process or otherwise have a leadership role that you are aware of?

Addresses Evaluation Question(s): 12

2. *[Ask as applicable]* If you were not actively involved, are you familiar with the development and implementation of any of these standards?
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard
 - ASTM Green Meetings and Events standards
 - IEEE 1680 [EPEAT] electronics standards (computers and monitors)

Addresses Evaluation Question(s): 12

3. *[For each standard that the respondent was involved in]* Describe the role that EPA's EPP Program, and specifically (name the contact person) played in developing [x] standard.
 - a. Did EPP's involvement catalyze the specific standard setting process?
 - i. If yes, would the standard process have happened without EPA?
 - ii. Would it have happened later?
 - b. Did EPP's involvement help ensure the standard was approved by the committee?
 - c. Did EPP's involvement make the standard more protective of the environment?

Addresses Evaluation Question(s): 12

4. *[Ask if EPA programmatic elements, e.g., Energy Star, WaterSense, are incorporated into standard.]* How did [the EPA program element] end up being incorporated into the standard?
 - a. What role did the EPP staff person play in making it happen?

Addresses Evaluation Question(s): 12

5. Within the process of working on this standard, do you think that EPP should have done anything differently in terms of its participation and the substance of its recommendations?
 - a. If yes, elaborate.

Addresses Evaluation Question(s): 12, 14

6. *[For each standard with which they are familiar]* Do you think that [x] standard has had an impact in terms of changing buying behavior in the general marketplace (outside of the federal government)?
 - a. Why or why not?
 - b. Do you think that manufacturers (or service providers) are creating products or services that meet the requirements of the standard?
 - c. Do you think that purchasers are seeking out products or services that meet the requirements of the standard?
 - d. Do you think that the standard influenced others to become more sustainable, even if they have not formally adopted the standard? If yes, explain.

Addresses Evaluation Question(s): 11, 12

7. *[Ask for stakeholders in flooring, furniture, and gypsum board standards]* As we understand, there are a fairly limited number of manufacturers who have embraced [x] standard. *[Provide specific information on the number of manufacturers making certified products]*
 - a. Why do think this is?
 - b. [x standard] was finalized in [year]. Do you believe more manufacturers will start producing certified products in the coming years?
 - c. What, if anything, could EPP do to encourage more manufacturers to produce products certified to the standard?

Addresses Evaluation Question(s): 12, 14

8. *[For each standard with which they are familiar]* In your assessment, what factors led to the success (or lack thereof) of [x] standard?
 - a. Factors may include:
 - Characteristics of the product itself
 - Industry characteristics
 - Engagement/buy-in of specific stakeholders
 - Effectiveness of EPP staff
 - Competing standards in the marketplace
 - Characteristics of the standard [e.g., stringency/cost, focus on important environmental concerns, etc.]
 - Consumer awareness/demand
 - b. *[For each of the factors mentioned]* How did this factor affect the adoption of this standard?

Addresses Evaluation Question(s): 12

9. Has EPP made an effort that you are aware of to promote federal purchasing of products that meet voluntary sustainability standards? Specifically:
 - NSF 140 carpet standard
 - NSF/BIFMA e3 furniture standard
 - NSF 332 resilient flooring standard
 - ULE 100 gypsum board standard

- ASTM Green Meetings and Events standards
- IEEE 1680 [EPEAT] electronics standards (computers and monitors)
 - a. If yes, what form did that effort take?
 - b. How effective was that effort?

Addresses Evaluation Question(s): 10, 12

10. *[For each standard with which they are familiar]* Do you think that does the experience with [x] standard has implications for voluntary standards efforts in other areas?
 - a. If yes, please elaborate.

Addresses Evaluation Question(s): 12

11. Are you familiar with any calculators or reports that quantify the environmental benefits of environmentally preferable building products in the following areas?
 - Carpet
 - Flooring
 - Furniture
 - Gypsum board
 - a. If yes, elaborate.
 - b. *[For each calculator or report mentioned]* Does this resource deal specifically with products certified under [x] standard?

Addresses Evaluation Question(s): 5

12. *[For each standard with which they participated in the development process]* Are there any other individuals from other organizations who were heavily involved in developing [x] standard that you would recommend we interview?
 - a. If yes, who?
 - b. Can you provide contact information for this person?

Addresses Evaluation Question(s): 12

APPENDIX E. INTERVIEW LIST

INTERVIEW CATEGORY	INTERVIEWEE AFFILIATION
EPP Staff	EPA EPP Program (x5)
EPP Staff	EPA Region 9
EPP Staff	EPA OPPT
EPP Staff	EPA Standards Executive
Hospitality and Travel Contacts	ASTM/APEX
Hospitality and Travel Contacts	The Carbon Accounting Company
Hospitality and Travel Contacts	EPA Region 9
Hospitality and Travel Contacts	EPA Region 10
Hospitality and Travel Contacts	EPA Office of the Chief Financial Officer (OCFO)
Hospitality and Travel Contacts	GSA (x2)
EPA OAM	EPA OAM
Federal Environmentally Preferable Purchasing Managers	Department of Defense
Federal Environmentally Preferable Purchasing Managers	Department of Energy
Federal Environmentally Preferable Purchasing Managers	GSA (x2)
Federal Environmentally Preferable Purchasing Managers	Office of Personnel Management
GSA Procurement Contacts	GSA Federal Acquisition Service (x4)*
Non-federal Environmentally Preferable Purchasing Managers	Aramark
Non-federal Environmentally Preferable Purchasing Managers	California Department of General Services (x2)*
Non-federal Environmentally Preferable Purchasing Managers	CalRecycle*
Non-federal Environmentally Preferable Purchasing Managers	Connecticut Department of Administrative Services
Non-federal Environmentally Preferable Purchasing Managers	Massachusetts Operational Services Division*
Non-federal Environmentally Preferable Purchasing Managers	Penn State University
Non-federal Environmentally Preferable Purchasing Managers	San Francisco Department of the Environment
Non-federal Environmentally Preferable Purchasing Managers	Washington Department of Ecology
Standards Stakeholders	BIFMA
Standards Stakeholders	Georgia Institute of Technology
Standards Stakeholders	Georgia-Pacific Gypsum
Standards Stakeholders	Herman Miller
Standards Stakeholders	Mannington Mills
Standards Stakeholders	Resilient Floor Covering Institute
Standards Stakeholders	UL Environment (x2)
Other	Federal Green Challenge
Other	State Electronics Challenge
* Includes initial scoping interviews.	