



# National Survey of Business Competitiveness



**Sponsored by:**

**Economic Research Service  
US Department of Agriculture**

Contact: Tim Wojan  
[twojan@ers.usda.gov](mailto:twojan@ers.usda.gov)  
202-694-5419

**Conducted by:**

**Social and Economic  
Sciences Research Center  
Washington State University**

Contact: Yi Jen Wang  
[sesrcweb7@wsu.edu](mailto:sesrcweb7@wsu.edu)  
800-833-0867



**2013**

OMB control number 0536-0071  
Expires (07/31/2016)

*According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it has a valid Office of Management and Budget (OMB) control number. The valid OMB number for this information collection is 0536-0071. The time required to complete this information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.*

**YOUR RESPONSE IS VOLUNTARY. YOUR ANSWERS TO ALL QUESTIONS ARE CONFIDENTIAL.** All information that is provided by participants to the National Survey of Business Competitiveness will only be used for statistical research purposes and reported in summary form. Your name and that of the business you represent will not be connected to your answers in any way. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, individual responses will be kept confidential and will not be disclosed in identifiable form to anyone outside of the research team. By law, every ERS and SESRC employee is subject to a jail term of up to 5 years, a fine of up to \$250,000 or both if he/she discloses any identifiable information about research participants.

**1. What is your job title or role?**

\_\_\_\_\_ job title or role

**2. Approximately what year did this business at this location begin operating?**

\_\_\_\_\_ year

**3. What is the main product or service at this business location?**

**4. Does this business have only one location or more than one location?**

Only one location → **Skip to question 5**

More than one location

**4a. (If more than one location) Is this location this business's headquarters or is it a branch location?**

Headquarters

Branch location

**5. How important is each of these factors for locating this business in this community? (Check the appropriate level of importance for each factor.)**

Factor	Not important ▼	Somewhat important ▼	Very important ▼	Not applicable ▼	Don't know ▼
a. Owner-ties to area.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
b. Availability of low-cost labor.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
c. Available skilled labor pool.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
d. Access to transportation.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
e. Access to broadband or high speed internet....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
f. Access to material inputs.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
g. Access to customers.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
h. Government incentives.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
i. Low taxes.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
j. Strong or growing local economy.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>

**5a.** How important is each of these factors for making this community an attractive place to work?  
*(Check the appropriate level of importance for each factor.)*

Factor	Not important ▼	Somewhat important ▼	Very important ▼	Not applicable ▼	Don't know ▼
a. Opportunities for outdoor recreation .....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
b. Scenic beauty (e.g., natural or architectural)....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
c. Climate.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
d. Access to arts and entertainment.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
e. Quality of local schools.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
f. Access to health care.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>

**6.** In 2012, at this location, what was the average number of workers who were in each category?  
*(Please include all workers in these two categories)*

Worker category	Number of workers ▼
a. Full-time and part-time employees on your payroll.....	_____
b. Independent contractors or temporary workers NOT ON YOUR PAYROLL.....	_____
<b>Total</b>	_____

**If 5 or more workers in total, continue with question 7**  
**If less than 5 workers in total, skip to question 52 on page 16**

**7.** In the past 12 months, did this business...

	Yes ▼	No ▼
a. Offer a health insurance option for any workers.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>
b. Offer a retirement plan.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>
c. Pay for worker education, professional development, or training.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>
d. Offer paid maternity, paternity, or family leave.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>
e. Have an employee-ownership plan.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>
f. Offer paid time off for workers to volunteer.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>

**8a.** How many workers are managers at this location? *(Managers are workers who direct or oversee operations.)*

\_\_\_\_\_ number of managers

**8b.** How many workers are professionals? *(Professionals are workers such as engineers or accountants.)*

\_\_\_\_\_ number of professionals

**9.** In 2012, what is your best estimate of the average hourly wage for non-salaried workers at this location?

Check here if you do not have any non-salaried workers.

\_\_\_\_\_ average hourly wage

**10.** In 2012, at this location, what percent of workers were in the following occupational categories? (Please include all workers in these categories. Total percent should equal 100%.)

(You may answer in percent or numbers.)

Occupational category	Percent of workers ▼	OR	Number of workers ▼
a. Management and professional.....	_____ %		_____
b. Services.....	_____ %		_____
c. Sales and office support .....	_____ %		_____
d. Natural resources, construction, and maintenance .....	_____ %		_____
e. Production, transportation, and material moving.....	_____ %		_____
	= 100%		

**10a.** For each occupational category, what was the minimum educational level needed in 2012? (Check the appropriate level of education for each occupational category.)

Occupational category	Less than high school or no specific education ▼	At least HS diploma or GED ▼	At least Assoc degree/ vocational certification ▼	At least four-year college degree ▼	More than four-year college degree ▼
a. Management and professional.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
b. Services.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
c. Sales and office support.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>	<input type="radio"/> <sub>5</sub>
d. Natural resources, construction, and maintenance .....	<input type="radio"/> <sub>5</sub>	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>
e. Production, transportation, and material moving .....	<input type="radio"/> <sub>5</sub>	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>	<input type="radio"/> <sub>4</sub>

**11.** Is any part of the workforce unionized or covered by a collective bargaining agreement?

- <sub>1</sub> Yes
- <sub>2</sub> No

**12.** In the past 3 years, how difficult has it been to find qualified applicants for your workforce, not including managers and professionals?

- <sub>1</sub> Very difficult
- <sub>2</sub> Somewhat difficult
- <sub>3</sub> Not difficult → Skip to question 13 on the next page

**12a.** (If very or somewhat difficult) Why has it been difficult to find qualified applicants for your workforce?

	Yes	No
	▼	▼
a. Quality of the labor pool.....	O <sub>1</sub>	O <sub>2</sub>
b. Increases in required skills and knowledge.....	O <sub>1</sub>	O <sub>2</sub>
c. Insufficient number of workers available locally.....	O <sub>1</sub>	O <sub>2</sub>
d. Limited interest among job seekers for openings at this business.....	O <sub>1</sub>	O <sub>2</sub>

**13.** Does this business have written position descriptions?

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 14a

**13a.** Are training requirements documented in those position descriptions?

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 14a

**13b.** Does this business track whether workers complete or if they have already completed these training requirements?

- O<sub>1</sub> Yes
- O<sub>2</sub> No

**14a.** Does this business currently use personal computers or laptops, not including smart phones?

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 17 on the next page

**14b.** Are the following technologies currently used at this business?

	Yes	No
	▼	▼
b. Broadband or high speed internet.....	O <sub>1</sub>	O <sub>2</sub>
c. Sale of products or services over the Internet (e-commerce) .....	O <sub>1</sub>	O <sub>2</sub>
d. Supplies purchased over the Internet (e-procurement) .....	O <sub>1</sub>	O <sub>2</sub>
e. Web advertising.....	O <sub>1</sub>	O <sub>2</sub>
f. Direct e-mail marketing.....	O <sub>1</sub>	O <sub>2</sub>
g. Social media (e.g., LinkedIn or Facebook) .....	O <sub>1</sub>	O <sub>2</sub>
h. Business issued smartphones to workers.....	O <sub>1</sub>	O <sub>2</sub>
i. RFID readers, barcode, or optical scanners (e.g., Radio Frequency Identification)	O <sub>1</sub>	O <sub>2</sub>
j. Computer software specifically designed for your business or industry.....	O <sub>1</sub>	O <sub>2</sub>
k. An integrated enterprise resource planning system (e.g., SAP or Microsoft Dynamics, or Oracle Applications that include accounting, logistics, human resources, sales management, along with other functions).....	O <sub>1</sub>	O <sub>2</sub>
l. Stand-alone supply chain or logistics management software.....	O <sub>1</sub>	O <sub>2</sub>

**m.** Stand-alone customer relationship management software O<sub>1</sub> O<sub>2</sub> **15.** What percent of the sale of products or services comes over the Internet?

Check here if you do not sell any products or services over the Internet.

\_\_\_\_\_ percent of sales over the Internet

**16. What percent of your workforce, not including managers and professionals, uses computers on a daily basis?**

\_\_\_\_\_ percent of the workforce who uses computers

**17. Have the following factors limited this business's use of information and communications technology?**

	Yes ▼	No ▼
a. The cost of equipment and software.....	O <sub>1</sub>	O <sub>2</sub>
b. The cost of information and communications services.....	O <sub>1</sub>	O <sub>2</sub>
c. Lack of access to adequate broadband or high speed internet.....	O <sub>1</sub>	O <sub>2</sub>
d. Lack of knowledge.....	O <sub>1</sub>	O <sub>2</sub>
e. Difficulty integrating new technologies into the current way you do business.....	O <sub>1</sub>	O <sub>2</sub>

**18. Businesses obtain information about new opportunities or new ways of doing things from many sources. Which sources have been most valuable for this firm?**

Sources of new information	Not at all valuable ▼	Somewhat valuable ▼	Very valuable ▼
a. Suppliers.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
b. Customers.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
c. Other business people in your industry.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
d. Other business people NOT in your industry.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
e. Business or trade association conferences or publications.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
f. Your own workers.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
g. Media (e.g., newspapers, television, internet).....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
h. Private consultants.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>
i. University extension, community colleges, or business schools....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>

**19. Of the sources identified as very valuable, where are they located?**

	In your community ▼	Outside community within a reasonable drive ▼	Beyond a reasonable drive ▼	Not Applicable ▼
a. Suppliers providing valuable information.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>	O <sub>4</sub>
b. Customers providing valuable information....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>	O <sub>4</sub>
c. Other business people in your industry providing valuable information.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>	O <sub>4</sub>
d. Other business people NOT in your industry providing valuable information.....	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>	O <sub>4</sub>

**20. Approximately what percent of 2012 final shipments or billed services went to customers...**  
(Total should equal 100%.)

Check here if you did not have any sales in 2012.

- a. Locally, within a reasonable drive..... \_\_\_\_\_ %
  - b. Beyond a reasonable drive in the United States .... \_\_\_\_\_ %
  - c. Internationally..... \_\_\_\_\_ %
- = 100%**

**21. Was this location in business in 2007?**

O<sub>1</sub> Yes

O<sub>2</sub> No → Skip to question 22

**21a. What is your best guess of the percent of 2007 final shipments or billed services that went to customers...** (Total should equal 100%.)

Check here if you did not have any sales in 2007.

- a. Locally, within a reasonable drive..... \_\_\_\_\_ %
  - b. Beyond a reasonable drive in the United States .... \_\_\_\_\_ %
  - c. Internationally..... \_\_\_\_\_ %
- = 100%**

**22. In 2012, what percent of goods and services sold by this business were sold to...** (Total should equal 100%.)

Check here if you did not have any sales in 2012.

- a. Other businesses..... \_\_\_\_\_ %
  - b. Government ..... \_\_\_\_\_ %
  - c. Individuals..... \_\_\_\_\_ %
- = 100%**

**23. Is the current market for your products or services...**

O<sub>1</sub> Growing

O<sub>2</sub> Stable

O<sub>3</sub> Declining

O<sub>4</sub> Mixed (e.g., some are declining, others growing)

O<sub>5</sub> Uncertain

**24. Does this business require workers to document good work practices and lessons learned?**

O<sub>1</sub> Yes

O<sub>2</sub> No



**25.** How often does this business monitor customer satisfaction through analysis of complaints, customer satisfaction surveys, focus groups, or other methods?

- <sub>1</sub> Never
- <sub>2</sub> Occasionally
- <sub>3</sub> Regularly

**26.** How often are processes changed to fix problems identified through customer complaints?

- <sub>1</sub> Never
- <sub>2</sub> Occasionally
- <sub>3</sub> Regularly

**27.** In the past 3 years, did this business...

	Yes	No	Not applicable
	▼	▼	▼
a. Produce any new or significantly improved goods.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>
b. Provide any new or significantly improved services.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>
c. Introduce new or significantly improved methods of manufacturing or producing goods or services.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>
d. Introduce new or significantly improved logistics, delivery, or distribution methods for your inputs, goods, or services.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>
e. Introduce new or significantly improved support activities for your processes.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>
f. Introduce new or significant improvements in your marketing methods.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>	<input type="radio"/> <sub>3</sub>

**28.** In the past 3 years, did this business have any improvement or innovation activities that were...

	Yes	No
	▼	▼
a. Abandoned.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>
b. Incomplete.....	<input type="radio"/> <sub>1</sub>	<input type="radio"/> <sub>2</sub>

**29.** Did you check “Yes” to any answers in question **27** or question **28**?

- <sub>1</sub> Yes → Skip to question 30 on the next page
- <sub>2</sub> No

**29a.** Please tell us why improvement or innovation activities have not been necessary or possible.

*If you answered ‘yes’ to question 29, continue to question 30 on the next page.*

*If you answered ‘no’ to question 29 and answered 29a, skip to question 35 on page 11.*

**30. In 2012, did this business sell any new or significantly improved goods or services with the following improvements?**

	Yes ▼	No ▼
a. Improved performance.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
b. More user-friendly.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
c. Reduced costs.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
d. New features.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
e. New service capabilities.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>

**31. In the past 3 years, did this business start selling any new or significantly improved goods or services before your competitors in at least one of your markets? (Include a product even if it was available in another market.)**

- O<sub>1</sub> Yes
- O<sub>2</sub> No
- O<sub>3</sub> Uncertain

**32. In 2012, what percent of this business's sales came from new or significantly improved goods or services? [If none, enter 0 (zero).]**

\_\_\_\_\_ percent of sales

**33. In the past 3 years, did this business engage in any of the following innovation-related activities?**

	Yes ▼	No ▼
a. In-house research and development (R&D) to increase knowledge or devise innovations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
b. Purchase research and development (R&D) from research organizations or other branches of this business.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
c. Conduct in-house design activities to improve aesthetics of product or packaging.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
d. Purchase design services.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
e. Purchase machinery, equipment, computers, or software to implement innovations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
f. Purchase or license patents or inventions to implement innovations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
g. Purchase knowledge or expertise to implement innovations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
h. Plan, engineer, design, or conduct other development work to implement innovations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
i. Train staff to develop or introduce innovations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
j. Market research, advertising, or other marketing activities linked to implementing innovations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>

**34. In the current environment, if excess cash were available, how likely is it that these funds would be used to...**

	Not at all likely ▼	Probably ▼	Most definitely ▼
a. Provide additional training of workers .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
b. Repay debt.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
c. Provide a reserve or cushion.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
d. Fund additional innovation projects.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
e. Fund additional investment projects, such as replacing old equipment or for expansion.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>

**35. Does this business produce products or provide services in any of the five green sectors?**

	Yes ▼	No ▼
a. Produce renewable energy.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
b. Increase energy efficiency.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
c. Conserve natural resources.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
d. Prevent, reduce, or clean up pollution.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
e. Produce clean transportation fuels.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>

**36. In the past 3 years, did this business participate in any patent applications?**

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 37
- O<sub>3</sub> Don't know → Skip to question 37

**36a. In the past 3 years, how many patent applications did this business participate in?**

\_\_\_\_\_ number of patent applications

**36b. In the past 3 years, how many patents were awarded?**

\_\_\_\_\_ number of patents awarded

**37. In the past 3 years, did this business...**

	Yes ▼	No ▼
a. Register an industrial design.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
b. Register a trademark.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
c. Produce materials eligible for copyright.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
d. Use trade secret protections (e.g., non-disclosure agreements, non-compete clauses, or sought remedies for misappropriation).....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>

**38. During the economic recession period (2008-2009), to what extent did this business commit resources to innovate?**

- O<sub>1</sub> Increased resources for innovation activities
- O<sub>2</sub> There was no change in innovation resources
- O<sub>3</sub> Delayed or decreased resources for innovation
- O<sub>4</sub> Not applicable, e.g., not in business at that time

**39. Compared to 2012, in this current year (2013) would you say resources for innovation at this business have been...**

- O<sub>1</sub> Increased
- O<sub>2</sub> Kept the same
- O<sub>3</sub> Decreased

**40. In the past 3 years, has this business...**

	Yes	No
	▼	▼
a. Increased the variety of goods or services offered.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
b. Increased market share or entered new markets .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
c. Begun exporting goods or services.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
d. Reduced time to respond to customer needs.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
e. Improved flexibility of production or service provision.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
f. Increased capacity of production or service provision.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
g. Reduced labor costs per unit output.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
h. Reduced materials and energy required per unit output.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>
i. Improved worker satisfaction or reduced worker turnover.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>

**41. The following is a list of factors related to this business's location. For each one, please tell us how much of a problem it is for this business's ability to compete.**

Factor	Not a problem	A minor problem	A major problem
	▼	▼	▼
a. Zoning or development regulations.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
b. Vitality of the local economy.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
c. Access to financial, legal, and other business services.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
d. Access to equipment and software suppliers.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
e. Access to training courses .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
f. Access to transportation or freight forwarding facilities and services.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
g. Availability of broadband or high speed internet.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
h. Local availability of mobile or cellular service.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
i. Local roads and bridges .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
j. Cost of facilities and land .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
k. Attractiveness of the area to managers and professionals .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
l. Quality of primary and secondary schools.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
m. Environmental regulations .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
n. State and local tax rates.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>

**42. How involved in promoting business are the following institutions in your community?**

	Not at all active or Not present ▼	Somewhat active ▼	Very active ▼	Don't know ▼
a. Local government development effort				
1. Village, town, or city.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>	<input type="radio"/> O <sub>4</sub>
2. County.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>	<input type="radio"/> O <sub>4</sub>
3. Regional or multi-county.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>	<input type="radio"/> O <sub>4</sub>
b. Business association (e.g., Chamber of Commerce) ....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>	<input type="radio"/> O <sub>4</sub>
c. College, university, or extension support for local business	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>2</sub>	<input checked="" type="radio"/> O <sub>3</sub> <input type="radio"/> O <sub>4</sub>
d. Community foundations or nonprofit organizations....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>	<input type="radio"/> O <sub>4</sub>
e. Local investors.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>	<input type="radio"/> O <sub>4</sub>
f. Banks.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>	<input type="radio"/> O <sub>4</sub>

**42a. How much civic leadership does THIS business provide in your community?**

- O<sub>1</sub> None
- O<sub>2</sub> Some
- O<sub>3</sub> A lot

**43. Do you have a good understanding of the decisions that led to the founding of this business?**

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 44 on the next page

**43a. (If Yes) Was this business originally founded around a new or customized product or service that was created by one of the founders of this business?**

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 44 on the next page
- O<sub>3</sub> Don't know → Skip to question 44 on the next page

**43b. (If Yes) Thinking about this new or customized product or service, why was it originally developed?**

- O<sub>1</sub> One of the founders created it for personal use
- O<sub>2</sub> One of the founders created it for use at a previous job or business
- O<sub>3</sub> One of the founders identified a business opportunity

**44. The final section of the survey is to assess which types of government or government-sponsored programs are the most helpful to businesses. If used, please rate how important each program has been for this business in the past 3 years.**

Program	Used?		If Used, how important was this program?		
	Yes	No	Not important	Somewhat important	Very important
	▼	▼	▼	▼	▼
a. Direct loans from a government agency (e.g., USDA B&I Direct Loan) .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
b. Government insurance or guarantee for loans (e.g., SBA 7(a) Loan Program) .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
c. Revolving loan funds run by a nonprofit or government organization.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
d. Tax incentives by state or local government, including enterprise zones, urban revitalization areas, Tax Increment Financing districts.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
e. Government-assisted industrial parks or business incubators.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
f. Government-funded technology assistance programs.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
g. Government-assisted worker-training programs.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
h. National Innovation Marketplace.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>

**45. Did this business try to borrow money for any purpose in the past 3 years?**

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 47 on the next page
- O<sub>3</sub> Don't know → Skip to question 47 on the next page

**45a. Please indicate the sources you tried to borrow from in the past 3 years below. If you did try to borrow money from a source, how much of the funding did you receive?**

	Tried to borrow money?		If Yes, amount received?		
	Yes	No	All	Some	None
	▼	▼	▼	▼	▼
a. Commercial bank .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
b. Savings & Loan or credit union .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
c. Finance or leasing company .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
d. Insurance or mortgage company .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
e. Family or friends.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
f. Federal, state, or local government.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
g. Credit or advance from a customer.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
h. Angel capital funding.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
i. Venture capital funding .....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
j. Personal sources of funds (other than credit cards).....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
k. Personal home equity loan.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
l. Other personal loan.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>	<input type="radio"/> O <sub>3</sub>
m. Personal credit card.....	<input type="radio"/> O <sub>1</sub>	<input type="radio"/> O <sub>2</sub>			

**46. How were the funds that this business borrowed or wanted to borrow to be used?**

- |  | Yes<br>▼                             | No<br>▼                              |
|--|--------------------------------------|--------------------------------------|
| a. Cash flow or operating costs.....   | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| b. Real estate or structures.....  | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| c. Replacement of old industrial plant location, equipment, or vehicles.....   | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| d. Investment in additional plant, equipment, or vehicles.....                 | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| e. Repayment of debt.....  | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| f. Reserve or cushion.....   | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| g. Inventory.....  | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| h. Fund innovation projects.....   | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |
| i. Investment in intangible assets, such as branding, training, or design..... | <input type="radio"/> O <sub>1</sub> | <input type="radio"/> O <sub>2</sub> |

**47. In the past 3 years, were business profits (retained earnings) used to finance this business?**

- O<sub>1</sub> Yes
- O<sub>2</sub> No → Skip to question 48

**47a. Compared with borrowed funds, how important were business profits for funding investment?**

- O<sub>1</sub> More important
- O<sub>2</sub> Less important
- O<sub>3</sub> Equally important
- O<sub>4</sub> Not applicable
- O<sub>5</sub> Don't know

**48. Which of the following best describes your current position?**

- O<sub>1</sub> Mid level manager
- O<sub>2</sub> Senior manager
- O<sub>3</sub> Executive or owner
- O<sub>4</sub> Other, please describe: \_\_\_\_\_

**49. Which statement best describes your familiarity with how innovation is carried out in this business?**

- O<sub>1</sub> Not familiar
- O<sub>2</sub> Slightly familiar
- O<sub>3</sub> Moderately familiar
- O<sub>4</sub> Strongly familiar
- O<sub>5</sub> Completely familiar

**50. What is your gender?**

Male

Female

**51. How long have you worked at this business?**

\_\_\_\_\_ number of years worked

**52. If you have any additional comments about this survey or innovation in general, please write them in the box below.**

**Thank you!!**

**Please return your completed questionnaire in the envelope provided  
or to:**

**National Survey of Business Competitiveness  
Social & Economic Sciences Research Center  
Washington State University  
PO Box 641801  
Pullman, WA 99164-1801**