







National Survey of Business Competitiveness



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Contact: Tim Wojan twojan@ers.usda.gov 202-694-5419



Social and Economic Sciences Research Center Washington State University

Contact: Yi Jen Wang sesrcweb7@wsu.edu 800-833-0867





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What	t is your job title or role?					
		jo	b title or ro	ole		
Appr	oximately what year did this business a	t this location	on begin op	erating?		
	year					
What	t is the main product or service at this b	ousiness loca	ation?			
Does	this business have only one location or	more than	one locatio	on?		
	Only one location Skip to question 5 More than one location	5				
O ₂	wore than one location					
O ₂	(If more than one location) Is this loc branch location?	ation this b	usiness's he	eadquarters	or is it a	
	(If more than one location) Is this loc	ation this b	usiness's he	eadquarters	or is it a	
4a.	(If more than one location) Is this location? O1 Headquarters O2 Branch location important is each of these factors for location	ocating this				eck th
4a.	(If more than one location) Is this location? O Headquarters Branch location	ocating this				eck th
4a.	(If more than one location) Is this location? O1 Headquarters O2 Branch location important is each of these factors for location are appriate level of importance for each factors.	ocating this or.)	business in Somewhat important	this comm		Don
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How appro	(If more than one location) Is this location? O1 Headquarters O2 Branch location important is each of these factors for location or er-ties to area ability of low-cost labor	Not important O1 O1 O1 O1	Somewhat important O2 O2	Very important O3 O3	Not applicable O4 O4 O4 O4	Don knov O
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How approx Factor Owner Availate Access Access Access	(If more than one location) Is this location? O1 Headquarters O2 Branch location important is each of these factors for location or er-ties to area ability of low-cost labor able skilled labor pool ss to transportation ss to broadband or high speed internet ss to material inputs	Not important O1 O1 O1 O1 O1 O1	Somewhat important O2 O2 O2 O2 O2 O2 O2 O2	Very important O3 O3 O3 O3 O3 O3 O3	Not applicable O4 O4 O4 O4 O4 O4 O4	Don's know
How approx Factor Owner Availa Access Access Access	(If more than one location) Is this location? O1 Headquarters O2 Branch location important is each of these factors for location private level of importance for each factors for location er-ties to area ability of low-cost labor able skilled labor pool as to transportation as to broadband or high speed internet as to material inputs as to customers	Not important O1 O1 O1 O1 O1 O1 O1	Somewhat important O2 O2 O2 O2 O2 O2 O2 O2	Very important O3 O3 O3 O3 O3 O3 O3 O3	Not applicable O4 O4 O4 O4 O4 O4 O4 O4	Don's know See See See See See See See See See Se
How approx Facto Owne Availa Acces Acces Acces Gove	(If more than one location) Is this location? O1 Headquarters O2 Branch location important is each of these factors for location priate level of importance for each factors for location er-ties to area ability of low-cost labor able skilled labor pool as to transportation as to broadband or high speed internet as to material inputs as to customers ernment incentives	Not important O1 O1 O1 O1 O1 O1 O1 O1	Somewhat important O2	Very important Value O3 O3 O3 O3 O3 O3 O3 O3 O3	Not applicable O4 O4 O4 O4 O4 O4 O4 O4 O4	Don's know of the second of th
How approx Factor Owner Availa Acces Acces Acces Cove	(If more than one location) Is this location? O1 Headquarters O2 Branch location important is each of these factors for location priate level of importance for each factors for location er-ties to area ability of low-cost labor able skilled labor pool as to transportation as to broadband or high speed internet as to material inputs as to customers ernment incentives	Not important O1 O1 O1 O1 O1 O1 O1	Somewhat important O2 O2 O2 O2 O2 O2 O2 O2	Very important O3 O3 O3 O3 O3 O3 O3 O3	Not applicable O4 O4 O4 O4 O4 O4 O4 O4	Donn knov Os Os Os Os

	Factor	Not important	Somewhat important	Very important	Not applicable	Don'
	Opportunities for outdoor recreation	O ₁	O ₂	O ₃	O ₄	O ₅
	Scenic beauty (e.g., natural or architectural)	O ₁	O ₂	O ₃	O ₄	05
	Climate	O ₁	O ₂	O ₃	O ₄	O ₅
	Access to arts and entertainment	O_1	O_2	O ₃	\bigcirc_4	O ₅
	Quality of local schools	O ₁	O ₂	O ₃	O ₄	O ₅
	Access to health care	O ₁	O ₂	O ₃	O ₄	O ₅
	In 2013, at this location, what was the average (Please include all workers in these two category)	_	of workers	who were	Number of	egory?
	Worker category				workers ▼	
	Full-time and part-time employees on your pa	ayroll				
			VOLID DAVD	OLI.		
	Independent contractors or temporary worke	rs NOT ON	TOUR PATRI			
	If 5	5 or more w	vorkers in to	Total	ue with question 52 on p	
	If 5	5 or more w	vorkers in to	Total	-	
	If 5 If less tha In the past 12 months, did this business	5 or more w an 5 workei	vorkers in to	Total	Yes	No
	If S If less that In the past 12 months, did this business Offer a health insurance option for any worke	5 or more w an 5 workei	vorkers in to	Total	Yes O1	No ▼
	If Is If less that In the past 12 months, did this business Offer a health insurance option for any worker offer a retirement plan	5 or more wan 5 worker	vorkers in tors in to	Total	Yes O1 O1	No V O2
	If Is If less that In the past 12 months, did this business Offer a health insurance option for any worker offer a retirement plan Pay for worker education, professional development of the past 12 months, did this business	5 or more wan 5 worker	vorkers in tors in to	Total	Yes Value	No ▼ O₂ O₂ O₂
	If Is If less that In the past 12 months, did this business Offer a health insurance option for any worker Offer a retirement plan Pay for worker education, professional develor Offer paid maternity, paternity, or family leaves	5 or more wan 5 worker	vorkers in tors in to	Total	Yes O1 O1	No ▼
	If Is If less that In the past 12 months, did this business Offer a health insurance option for any worker offer a retirement plan Pay for worker education, professional development of the past 12 months, did this business	5 or more wan 5 worker	vorkers in tors in to	Total	Yes	No V O2
•	If Is If less that In the past 12 months, did this business Offer a health insurance option for any worker Offer a retirement plan Pay for worker education, professional develor Offer paid maternity, paternity, or family leaved Have an employee-ownership plan	5 or more wan 5 worker	vorkers in to	Total otal, contin	Yes	No ▼
•	If Is If less that In the past 12 months, did this business Offer a health insurance option for any worker offer a retirement plan Pay for worker education, professional develor offer paid maternity, paternity, or family leaved Have an employee-ownership plan offer paid time off for workers to volunteer. How many workers are managers at this local	5 or more wan 5 worker	vorkers in to	Total otal, contin	Yes	No ▼

9.	In 2013, what is your best estima location?	te of the avera	ge hou	rly wage for n	on-salar	ied workers a	at this
	☐ Check here if you do not have a	any non-salarie	d work	ers.			
	average hourly wa	age					
10.	In 2013, at this location, what per (Please include all workers in these				•	-	gories?
	Occupational category			Percent of workers	OR	Number of workers	
	Management and professional			%			
	Services			%			
	Sales and office support			%			
	Natural resources, construction, a			%			
	Production, transportation, and m	naterial moving		%			
				=100%			
10 a.	For each occupational category, v (Check the appropriate level of ed					eded in 2013	3?
	Occupational category	Less than high school or no specific education	At lea HS diplo or GE	oma Assoc degr	ee/ four al col	r-year four- lege coll	e than -year ege gree
	Management and professional	O ₁	0;	2 03	(O ₄	D ₅

	Less than	At least	At least	At least	More than
Occupational category	high school	HS diploma	Assoc degree/	four-year	four-year
	or no specific	or GED	vocational	college	college
	education		certification	degree	degree
	▼	lacksquare	▼	•	▼
Management and professional	O ₁	O ₂	O ₃	O_4	O ₅
Services	O_1	O_2	O ₃	O_4	O ₅
Sales and office support	O ₁	O ₂	O ₃	O ₄	O ₅
Natural resources, construction, a	nd				
maintenance	O ₁	O_2	Оз	O_4	O ₅
Production, transportation, and					
material moving	O ₁	O ₂	Оз	O_4	O ₅

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

O₂ No

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

 O_1 Very difficult

O₂ Somewhat difficult

 O_3 Not difficult ightharpoonup Skip to question 13 on the next page

	If very or somewhat difficult) Why has it been difficult to find qualified vorkforce?	applican	ts for y
	У	/es	No
C		$lackbox{lack}{O_1}$	O ₂
	,	O_1	O_2
	•	O_1	O ₂
	•	O_1	O ₂
.3. Does thi	s business have written position descriptions?		
O ₁ Yes O ₂ No	→ Skip to question 14a		
13 a. <i>i</i>	Are training requirements documented in those position descriptions?		
	O₁ Yes O₂ No → Skip to question 14a		
	completed these training requirements? O No		
. 4a. Does thi	s business currently use personal computers or laptops, not including s	smart pho	ones?
O ₁ Yes	, , , , , , , , , , , , , , , , , , , ,	•	
	→ Skip to question 17 on the next page		
4b. Are the	following technologies currently used at this business?		
		Yes ▼	No ▼
Broadba	nd or high speed internet	I	
	nd or high speed internet roducts or services over the Internet (e-commerce)	▼	0
Sale of p		▼ O ₁	C
Sale of p	roducts or services over the Internet (e-commerce) purchased over the Internet (e-procurement)	V O₁ O₁	0
Sale of p Supplies Web adv	roducts or services over the Internet (e-commerce) purchased over the Internet (e-procurement)	O ₁ O ₁ O ₁	
Sale of p Supplies Web adv Direct e-	roducts or services over the Internet (e-commerce) purchased over the Internet (e-procurement) vertising	O ₁ O ₁ O ₁ O ₁	•
Sale of p Supplies Web adv Direct e- Social m	roducts or services over the Internet (e-commerce) purchased over the Internet (e-procurement) vertising mail marketing	O ₁ O ₁ O ₁ O ₁ O ₁ O ₁	0 0 0 0
Sale of p Supplies Web adv Direct e- Social m Business	products or services over the Internet (e-commerce) purchased over the Internet (e-procurement) pertising permail marketing edia (e.g., LinkedIn or Facebook)	O ₁	0 0 0
Sale of p Supplies Web adv Direct e- Social m Business RFID rea	products or services over the Internet (e-commerce) purchased over the Internet (e-procurement) purchased over the Internet (e-procurement) purchased over the Internet (e-procurement) purchased over the Internet (e-commerce) purchased over the Internet (e-procurement) purchased over the Internet (e-procuremen	O ₁	
Sale of p Supplies Web adv Direct e- Social m Business RFID rea Comput An integ	purchased over the Internet (e-commerce) purchased over the Internet (e-procurement) vertising mail marketing edia (e.g., LinkedIn or Facebook) s issued smartphones to workers ders, barcode, or optical scanners (e.g., Radio Frequency Identification)	O1 O1 O1 O1 O1 O1 O1 O1	

Stand-alone supply chain or logistics management software Stand-alone customer relationship management software O_1

 O_1

 O_2

 O_2

15.	What percent of the sale of products or ser	vices con	nes over the Int	ernet?		
	☐ Check here if you do not sell any products	s or servi	ces over the Inte	ernet.		
	percent of sales over the Int	ernet				
16.	What percent of your workforce, not includ a daily basis?	ing mana	agers and profe	ssionals, u	ses compu	ters on
	percent of the workforce wh	no uses co	omputers			
17.	Have the following factors limited this businetechnology?	ness's use	e of information	n and comr	munication	S
					Yes ▼	No ▼
	The cost of equipment and software				O_1	O_2
	The cost of information and communications	s services	5		O_1	O_2
	Lack of access to adequate broadband or hig	sh speed	internet		O_1	O ₂
	Lack of knowledge				O_1	O ₂
	Difficulty integrating new technologies into t	he curre	nt way you do b	usiness	O ₁	O ₂
18.	Businesses obtain information about new o			ys of doing	things fro	m many
	sources. Which sources have been most va	luable fo	r this firm?			
	Sources of new information	luable fo	r this firm?	Not at all valuable	Somewhat valuable	,
		luable fo	r this firm?			valuable
	Sources of new information	luable fo	r this firm?	valuable ▼	valuable ▼	valuable
	Sources of new information Suppliers	luable fo	r this firm?	valuable ▼ O ₁	valuable ▼ O₂	valuable ▼ O ₃
	Sources of new information Suppliers Customers	luable fo	r this firm?	valuable Valuable O 1	valuable ▼ O₂ O₂	valuable V O ₃ O ₃
	Sources of new information Suppliers Customers Other business people in your industry			valuable Valuable O 1 O 1 O 1	valuable ▼ O₂ O₂ O₂	valuable Valuable O3 O3 O3
	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry			valuable Valuable O1 O1 O1 O1	valuable V O2 O2 O2 O2 O2	valuable Valuable O3 O3 O3 O3
	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or	· publicat		valuable Valuable O1 O1 O1 O1 O1	valuable V O2 O2 O2 O2 O2 O2	valuable O3 O3 O3 O3 O3 O3
	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants	· publicat t)	ions	valuable Valuable Valuable O1 O1 O1 O1 O1	valuable V O2 O2 O2 O2 O2 O2 O2 O2	valuable ▼ O ₃ O ₃ O ₃ O ₃ O ₃ O ₃
	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet	· publicat t)	ions	valuable Valuable Valuable O1 O1 O1 O1 O1 O1 O1	valuable V O2 O2 O2 O2 O2 O2 O2 O2 O2	valuable ▼ O₃ O₃ O₃ O₃ O₃ O₃ O₃ O₃ O₃
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants	· publicat t) r busines	ions s schools	valuable ▼ O₁ O₁ O₁ O₁ O₁ O₁ O₁ O₁ O₁	valuable ▼ O₂ O₂ O₂ O₂ O₂ O₂ O₂ O₂ O₂	valuable O3 O3 O3 O3 O3 O3 O3 O3 O3
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, or	· publicat t) r busines	ions s schools	valuable ▼ O₁ O₁ O₁ O₁ O₁ O₁ O₁ O₁ O₁	valuable O2	valuable O3 O3 O3 O3 O3 O3 O3 O3 O3
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, o	publicat t) r busines where are	ions s schools they located? Outside communication within a	valuable valuable valuable valuable on on on on on on on on on o	valuable Valuable Valuable O2 O2 O2 O2 O2 O2 O2 O2 O2 O	valuable valuable 0 0 3 0 3 0 3 0 3 0 3 0 3 0
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, o	r busines where are In your mmunity	ions s schools they located? Outside communication within a reasonable drive	valuable valuable valuable valuable on on on on on on on on on o	valuable Valuable Valuable O2 O2 O2 O2 O2 O2 O2 O2 O2 O	valuable valuable o o o o o o o o o o o o o
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, o	publicat t) r busines where are In your	ions s schools they located? Outside communication within a reasonable drive	valuable valuable valuable valuable on on on on on on on on on o	valuable Valuable Valuable O2 O2 O2 O2 O2 O2 O2 O2 O2 O	valuable valuable 0 0 3 0 3 0 3 0 3 0 3 0 3 0
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, or Of the sources identified as very valuable, we consultante.	r busines where are In your mmunity	ions s schools they located? Outside communication within a reasonable drive	valuable valuable valuable valuable valuable valuable specification valuable specification valuable specification valuable specification valuable specification valuable v	valuable valuable valuable O2 O2 O2 O2 O2 O2 O2 O2 O2 O	valuable valuable o o o o o o o o o o o o o
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, or Of the sources identified as very valuable, we consulted to the consultants Suppliers providing valuable information	r busines where are In your munity V	s schools e they located? Outside communication a reasonable driver	valuable valuable valuable on on on on on on on on on o	valuable valuable valuable O2 O2 O2 O2 O2 O2 O2 O2 O2 O	valuable valuable valuable 03 03 03 03 03 03 03 03 03 0
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, or Of the sources identified as very valuable, or Suppliers providing valuable information Customers providing valuable information	r busines where are In your munity V	s schools e they located? Outside communication a reasonable driver	valuable valuable valuable on on on on on on on on on o	valuable V O2 O2 O2 O2 O2 O2 O2 O2 O2	valuable valuable valuable 03 03 03 03 03 03 03 03 03 0
19.	Sources of new information Suppliers Customers Other business people in your industry Other business people NOT in your industry Business or trade association conferences or Your own workers Media (e.g., newspapers, television, Internet Private consultants University extension, community colleges, or Of the sources identified as very valuable, or Suppliers providing valuable information Customers providing valuable information Other business people in your industry	r busines where are In your mmunity V O1 O1	ions s schools e they located? Outside communication within a reasonable driver. O2 O2 O2	valuable Valuable Valuable O1 O1 O1 O1 O1 O1 O1 O1 O1 O	valuable V O2 O2 O2 O2 O2 O2 O2 O2 O2	valuable ▼ O ₃ O ₄ O ₄ O ₄

20.	Approximately what percent of 2013 final shipments or billed services went to customers (Total should equal 100%.)
	☐ Check here if you did not have any sales in 2013.
	Locally, within a reasonable drive%
	Beyond a reasonable drive in the United States%
	Internationally%
	=100%
21.	Was this location in business in 2007?
	O ₁ Yes
	O₂ 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.
	Locally, within a reasonable drive %
	Beyond a reasonable drive in the United States %
	Internationally %
	=100%
22.	In 2013, 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 2013.
	Other businesses %
	Government %
	Individuals %
	=100%
23.	Is the current market for your products or services
	O ₁ Growing
	O ₂ Stable
	O ₃ Declining
	O ₄ Mixed (e.g., some are declining, others growing)
	O ₅ Uncertain
24.	Does this business require workers to document good work practices and lessons learned?
	O ₁ Yes
	O ₂ No

25.	How often does this business monitor customer satisfaction through customer satisfaction surveys, focus groups, or other methods?	analysis o	f complai	nts,
	O ₁ Never O ₂ Occasionally O ₃ Regularly			
26.	How often are processes changed to fix problems identified through	customer	complaint	:s?
	O ₁ Never O ₂ Occasionally O ₃ Regularly			
27.	In the past 3 years, did this business			
		Yes ▼	No V	Not applicable
	Produce any new or significantly improved goods	O ₁	O ₂	O ₃
	Provide any new or significantly improved services	O ₁	O ₂	O ₃
	Introduce new or significantly improved methods	\circ	\circ	
	of manufacturing or producing goods or services Introduce new or significantly improved logistics, delivery, or	O ₁	O ₂	O ₃
	distribution methods for your inputs, goods, or services	O_1	O ₂	O ₃
	Introduce new or significantly improved support activities	O 1	<u> </u>	
	for your processes	O ₁	O ₂	O ₃
	Introduce new or significant improvements in your marketing methods	O ₁	O ₂	O ₃
28.	In the past 3 years, did this business have any improvement or innov	ation activ	vities that	were
	Yes No			
	Abandoned O_1 O_2			
	Incomplete O ₁ O ₂			
29.	Did you check "Yes" to any answers in question 27 or question 28?	•		
_	O₁ Yes → Skip to question 30 on the next page O₂ No			
Ļ	29a. Please tell us why improvement or innovation activities have possible.	not been i	necessary	or
	If you answered 'yes' to question 29, continue to questi	on 30 on t	he next po	nge.

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

	In 2013, did this business sell any new or significantly improved goods or se following improvements?	Tvices with ti	he
		Yes	No ▼
	Improved performance	O ₁	O ₂
	More user-friendly	O ₁	O ₂
	Reduced costs	O ₁	O ₂
	New features	O ₁	O ₂
	New service capabilities	O ₁	O ₂
31. 32.	In the past 3 years, did this business start selling any new or significantly im services before your competitors in at least one of your markets? (Include a available in another market.) O1 Yes O2 No O3 Uncertain In 2013, what percent of this business's sales came from new or significantly services? [If none, enter 0 (zero).]	product even	n if it w
	percent of sales		
33.	In the past 3 years, did this business engage in any of the following innovati	on-related ac	c tivitie No
33.			
33.	In-house research and development (R&D) to increase knowledge	Yes ▼	No ▼
33.	In-house research and development (R&D) to increase knowledge or devise innovations		No
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations	Yes ▼	No ▼
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business	Yes ▼	No ▼
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics	Yes ▼ O₁	No ▼ O₂
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging	Yes ▼ O₁ O₁ O₁	No ▼ O₂ O₂
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging Purchase design services Purchase machinery, equipment, computers, or software	Yes ▼ O₁ O₁ O₁ O₁	No ▼ O2 O2 O2 O2
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging Purchase design services Purchase machinery, equipment, computers, or software to implement innovations	Yes ▼ O₁ O₁ O₁ O₁ O₁	No ▼ O₂ O₂ O₂ O₂ O₂
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging Purchase design services Purchase machinery, equipment, computers, or software to implement innovations Purchase or license patents or inventions to implement innovations	Yes ▼ O₁ O₁ O₁ O₁ O₁ O₁	No ▼ O₂ O₂ O₂ O₂ O₂ O₂
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging Purchase design services Purchase machinery, equipment, computers, or software to implement innovations Purchase or license patents or inventions to implement innovations Purchase knowledge or expertise to implement innovations	Yes ▼ O₁ O₁ O₁ O₁ O₁	No ▼ O₂ O₂ O₂ O₂ O₂ O₂
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging Purchase design services Purchase machinery, equipment, computers, or software to implement innovations Purchase or license patents or inventions to implement innovations Purchase knowledge or expertise to implement innovations Plan, engineer, design, or conduct other development work	Yes ▼ O₁ O₁ O₁ O₁ O₁ O₁ O₁	No ▼ O₂ O₂ O₂ O₂ O₂ O₂ O₂ O₂
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging Purchase design services Purchase machinery, equipment, computers, or software to implement innovations Purchase or license patents or inventions to implement innovations Purchase knowledge or expertise to implement innovations Plan, engineer, design, or conduct other development work to implement innovations	Yes ▼ O₁ O₁ O₁ O₁ O₁ O₁ O₁ O₁ O₁	No ▼ O2 O2 O2 O2 O2 O2 O2 O2 O2
33.	In-house research and development (R&D) to increase knowledge or devise innovations Purchase research and development (R&D) from research organizations or other branches of this business Conduct in-house design activities to improve aesthetics of product or packaging Purchase design services Purchase machinery, equipment, computers, or software to implement innovations Purchase or license patents or inventions to implement innovations Purchase knowledge or expertise to implement innovations Plan, engineer, design, or conduct other development work	Yes ▼ O₁ O₁ O₁ O₁ O₁ O₁ O₁	No ▼ O₂ O₂ O₂ O₂ O₂ O₂ O₂

34.	In the current environment, if excess cash were available, how like be used to	y is it that t	these fund	ls would
		Not at all likely	Probably	Most definitely
	Provide additional training of workers	O ₁	O ₂	O ₃
	Repay debt	O ₁	O ₂	O ₃
	Provide a reserve or cushion	O ₁	O ₂	O ₃
	Fund additional innovation projects	O ₁	O ₂	O ₃
	Fund additional investment projects,	<u> </u>	<u> </u>	O 3
	such as replacing old equipment or for expansion	O ₁	O ₂	O ₃
35.	Does this business produce products or provide services in any of t	he five gree		
			Yes ▼	No ▼
	Produce renewable energy		O_1	O ₂
	Increase energy efficiency		O ₁	O ₂
	Conserve natural resources		O_1	O_2
	Prevent, reduce, or clean up pollution		O ₁	O ₂
	Produce clean transportation fuels		O_1	O ₂
36.	In the past 3 years, did this business participate in any patent appli O₁ Yes O₂ No → Skip to question 37 O₃ Don't know → Skip to question 37 36a. In the past 3 years, how many patent applications did this b		ticipate 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 ▼
	Register an industrial design		O_1	O ₂
	Register a trademark		O_1	O_2
	Produce materials eligible for copyright		O_1	O_2
	Use trade secret protections (e.g., non-disclosure agreements,			
	non-compete clauses, or sought remedies for misappropriation)		O_1	O_2

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

- O₁ Increased resources for innovation activities
- O₂ There was no change in innovation resources
- O₃ Delayed or decreased resources for innovation
- O₄ Not applicable, e.g., not in business at that time

39. Compared to 2013, in this current year (2014) would you say resources for innovation at this business have been...

- O₁ Increased
- O₂ Kept the same
- O₃ Decreased

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

	Yes	No
	▼	▼
Increased the variety of goods or services offered	O ₁	O ₂
Increased market share or entered new markets	O_1	O_2
Begun exporting goods or services	O_1	O ₂
Reduced time to respond to customer needs	O_1	O_2
Improved flexibility of production or service provision	O_1	O_2
Increased capacity of production or service provision	O_1	O_2
Reduced labor costs per unit output	O_1	O_2
Reduced materials and energy required per unit output	O_1	O ₂
Improved worker satisfaction or reduced worker turnover	O ₁	O ₂

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
Zoning or development regulations	O ₁	O ₂	O ₃
Vitality of the local economy	O_1	O_2	O ₃
Access to financial, legal, and other business services	O ₁	O_2	O ₃
Access to equipment and software suppliers	O_1	O_2	O ₃
Access to training courses	O ₁	O ₂	O ₃
Access to transportation or freight forwarding			
facilities and services	O_1	O_2	O ₃
Availability of broadband or high speed internet	O_1	O ₂	O ₃
Local availability of mobile or cellular service	O_1	O_2	O ₃
Local roads and bridges	O ₁	O ₂	O ₃
Cost of facilities and land	O ₁	O ₂	O ₃
Attractiveness of the area to managers and professionals	O ₁	O ₂	O ₃
Quality of primary and secondary schools	O ₁	O ₂	O ₃
Environmental regulations	O ₁	O ₂	O ₃
State and local tax rates	O ₁	O ₂	O ₃

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

	Not at all active or S	Somewhat active	Very active	Don't know
Local government development effort	•		0	
 Village, town, or city 	O_1	O ₂	O ₃	O ₄
2. County	O_1	O_2	O ₃	\bigcirc_4
3. Regional or multi-county	O ₁	O ₂	O ₃	O ₄
Business association (e.g., Chamber of Commerce)	O_1	O_2	O ₃	\bigcirc_4
College, university, or extension support for local				
business	O ₁	O ₂	O ₃	O ₄
Community foundations or nonprofit organizations	O_1	O_2	O ₃	\bigcirc_4
Local investors	O ₁	O_2	O ₃	O ₄
Banks	O_1	O_2	O ₃	O ₄

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

- O₁ None
- O₂ Some
- O₃ A lot

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

- O₁ Yes
- O₂ 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?
 - O₁ Yes
 - O₂ No **>** Skip to question 44 on the next page
 - O₃ 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?

- O₁ One of the founders created it for personal use
- O₂ One of the founders created it for use at a previous job or business
- O₃ 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.

	Use	d?		l, how imp this progra	
Program	Yes	No 🔻	Not important ▼	Somewhat important	Very important ▼
Direct loans from a government agency (e.g., USDA B&I Direct Loan)	O ₁	O ₂	O ₁	O ₂	O ₃
Government insurance or guarantee for loans (e.g., SBA 7(a) Loan Program)	O ₁	O ₂	O ₁	O ₂	O 3
Revolving loan funds run by a nonprofit or government organization	O ₁	O ₂	O ₁	O ₂	O ₃
Tax incentives by state or local government, including enterprise zones, urban revitalizatio	_	_			
areas, Tax Increment Financing districts Government-assisted industrial parks	O ₁	O ₂	O ₁	O ₂	O ₃
or business incubators	O ₁	O ₂	O ₁	O ₂	O ₃
Government-funded technology assistance					
programs	O_1	O ₂	O ₁	O ₂	O ₃
Government-assisted worker-training programs	O ₁	O ₂	O_1	O ₂	O ₃
National Innovation Marketplace	O_1	O_2	O_1	O_2	O ₃

- **45.** Did this business try to borrow money for any purpose in the past 3 years?
 - O₁ Yes
 - O₂ No **→** Skip to question 47 on the next page
 - O₃ 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. If you did try to borrow money from a source, how much of the funding did you receive?

boi	Tried to borrow money?			If Yes, amount received		ved?
	Yes	No	A		Some	None
	V	V			V	<u> </u>
Commercial bank	O_1	O_2	C) ₁	O ₂	O ₃
Savings & Loan or credit union	O_1	O_2	C) ₁	O_2	O ₃
Finance or leasing company	O_1	O ₂	C)1	O_2	O ₃
Insurance or mortgage company	O_1	O ₂	C) ₁	O ₂	O ₃
Family or friends	O_1	O_2	C)1	O_2	O ₃
Federal, state, or local government	O_1	O_2	C) ₁	O_2	O ₃
Credit or advance from a customer	O_1	O ₂	C) ₁	O ₂	O ₃
Angel capital funding	O_1	O_2	C) ₁	O_2	O ₃
Venture capital funding	O_1	O ₂	C) ₁	O ₂	O ₃
Personal sources of funds (other than credit cards)	O_1	O_2	C) ₁	O_2	O ₃
Personal home equity loan	O_1	O ₂	C)1	O ₂	O ₃
Other personal loan	O_1	O_2	C)1	O_2	O ₃
Personal credit card	O_1	O ₂				

46.	w were the funds that this business borrowed or wanted to borrow to be used?				
		Yes ▼	No		
	Cash flow or operating costs	O ₁	0:		
	Real estate or structures	O ₁	0:		
	Replacement of old industrial plant location, equipment, or vehicles	O ₁	0:		
	Investment in additional plant, equipment, or vehicles	O ₁	0		
	Repayment of debt	O ₁	0:		
	Reserve or cushion	O ₁	0		
	Inventory	O ₁	0:		
	Fund innovation projects	O ₁	0		
	Investment in intangible assets, such as branding, training, or design	O ₁	0:		
47.	In the past 3 years, were business profits (retained earnings) used to finance O₁ Yes O₂ No → Skip to question 48	ce this busines	s?		
	47a. Compared with borrowed funds, how important were business pro investment?	fits for funding	;		
	O ₁ More important				
	O ₂ Less important				
	O₃ Equally important				
	O ₄ Not applicable O ₅ Don't know				
48.	Which of the following best describes your current position?				
	O ₁ Mid level manager				
	O ₂ Senior manager				
	O ₃ Executive or owner				
	O ₄ Other, please describe:				
49.	Which statement best describes your familiarity with how innovation is ca business?	rried out in thi	S		
	O ₁ Not familiar O ₂ Slightly familiar				
	O₃ Moderately familiar				
	O ₄ Strongly familiar				
	O ₅ Completely familiar				

50.	What is your gender?
	O_1 Male O_2 Female
51.	How long have you worked at this business?
	number of years worked
52.	Could we contact you again in the future if we have questions or need additional information about your answers?
	O Yes, by email → Email address O Yes, by phone → Phone number O Yes, by mail → Mailing address O No
53.	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