OMB Control # 0693-0078

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01

Introduction

The first questions ask for basic information about the nature of your business.

O1. What is your role with the organization? (Check all that apply)
Owner
☐ Manager
Assistant manager
Senior employee with 5+ years at the business
☐ Employee

☐ I do not have a formal role
Other [please specify]:
Q2-Q3
O2. Which sector best describes your business? What is/was your primary line of business?
 Construction Manufacturing Retail trade Accommodation and Food Services Wholesale trade
Services / Information Transportation and Warehousing
O3a. Was this business establishment operating when Hurricane Maria occurred? Yes No
O3b. Is your business location today the same as it was at the time of Hurricane Maria?
YesNo (the business has moved to a new location after Hurricane Maria)
O4 - O12
O4. In what year was this business established at the current location?
O5. How many locations did your business have at the time of Hurricane Maria?

a. In PR? # 0

b. In the USA, outside of PR?	# 0
c. Outside of the US?	# 0
Total	# 0
O6. Is this business establishment still in ope	ration?
Yes, it is still in operationNo, not in operation	
O6a. What is the reason why your business is one.)	s no longer in operation? (<i>Please select</i>
No longer in business mainly because of Hurri No longer in business mainly because of Hurri No longer in business mainly because of Hurri No longer in business mainly because of the e No longer in business mainly because of COV No longer in business because of other reasor Q6b When did the business stop operation?	cane Maria cane Dorian carthquakes of January 2020 ID-19 ns, explain:
Month	Year
O7. Are the other Puerto Rico business locati	ions still in operation?
All other locations are in operationSome of the other locations are in operationNone of the other locations is in operation	
O8. Did this business own or rent the building	g at the time of Hurricane Maria?
Own Rent	

	Other (please specify)
	00a Which describes your hysiness? Remember that the hysiness descrit have to be
	O9a. Which describes your business? Remember that the business doesn't have to be
,	officially federally registered as such. (Select all that apply.)
	Woman-owned business
	Minority-owned
	Veteran-owned
	Family-owned
	Immigrant-owned
	Other (please specify)
	O9b. How would you describe your business' ownership structure? (Select ALL that
ć	apply.)
	Single owner
	Single owner Partnership
	Partnership
	Partnership Corporation
	Partnership Corporation Franchise
	Partnership Corporation Franchise Cooperative
	Partnership Corporation Franchise Cooperative Multi-location
	Partnership Corporation Franchise Cooperative Multi-location For-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit Other (please specify)
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit
	Partnership Corporation Franchise Cooperative Multi-location For-profit Non-profit Other (please specify)

O11. What is the type	of structure o	f the main b	uilding?					
Metal Building SystemSteel frameConcreteWoodOther, please describe								
A: Impacts from Ever	nts and Reco	overy						
Section A. Impacts from We want to know about business' recovery. A1. Did this business of the following events	<i>it the interrup</i> establishment	tion caused	by various di	perat				
	No impacts	Some Impacts	Significant impacts		N/A		Don kno	
COVID-19 in 2020?	0	0	0		0		0)
Earthquakes of January 2020?	0	0	0		0		0)
Hurricane Dorian in 2019?	0	0	0		0		0)
Hurricane Maria in September 2017?	0	0	0		0		0)
Hurricane Irma, in September 2017?	0	0	0		0		0)
A1a. Rank the followin of your business after	_	•	ess their impo	ortand	ce to t	the fu	ll reco	overy
				1	2	3	4	5
Full repair of property	damages			0	0	0	0	0
Adequate number of e	mployees ach	ieved		\circ	\circ	\circ	\circ	\circ

	1	2	3	4	5
Expected gross sales revenues achieved	0	0	0	0	0
Full building functionality achieved	0	0	0	0	0
Other, explain:					
	0	0	0	0	0
A1b. Did this business establishment FULLY recover to the within a year (by September 2018)?	pre-H	urrica	ne M	aria le	evel
YesNoDon't know					
What number of months were required?					
A1c. Did this business establishment FULLY recover from Foint in time between September 2018 (one year after Hurr 2020, just before the COVID-19 Pandemic was declared a least of the COVID-19 Pandemic was declared as least of the COVID-19 Pandemic was declared was declared as least of the COVID-19 Pandemic was	icane	Maria) and	Marc	-
YesNoDon't know					
What number of months were required?					
A1d. Once your business recovered, did you achieve <i>gross</i> Hurricane Maria level?	sales	revei	nue at	the p	re-
 Yes, gross sales revenue increased GREATLY compared to p Yes, gross sales revenue increased SOMEWHAT compared to levels 					els
Yes, gross sales revenue was about EQUAL to pre-Hurricane	Maria	level	S		

 No, gross sales revenue DECREASED SOMEWHAT compared to pre- levels 	Hurricane Ma	aria
No, gross sales revenue DECREASED GREATLY compared to pre-Hu levels	rricane Maria	3
A1e. After Hurricane Maria, was the gross sales revenue of your bus Hurricane Dorian in 2019?	iness impac	ted by
Yes, greatly in a negative direction Yes, somewhat in a negative direction No		
Yes, somewhat in a positive direction Yes, greatly in a positive direction		
A1f. After Hurricane Maria, was the gross sales revenue of your busi Earthquakes of January 2020?	ness impact	ted by
Yes, greatly in a negative directionYes, somewhat in a negative directionNo		
Yes, somewhat in a positive direction Yes, greatly in a positive direction		
A1g. After Hurricane Maria, was the gross sales revenue of your bus COVID-19 Pandemic?	iness impac	ted by
Yes, greatly in a negative direction Yes, somewhat in a negative direction		
NoYes, somewhat in a positive directionYes, greatly in a positive direction		
A3-A9		
A3. Did any of the following factors affect the <i>gross sales revenue</i> of establishment during the following periods?	this busines	SS
	Yes	No
a. Supply chain issues (e.g., could not obtain products or lack of inventory)		

One year before Hurricane Maria?		
	0	0
One year after Hurricane Maria?	0	0
b. Economic Recession		
One year before Hurricane Maria?	0	0
One year after Hurricane Maria?	0	0
c. Another factor other than loss of customers (please describe below)		
One year before Hurricane Maria?	0	0
One year after Hurricane Maria?	0	0
Other factor besides loss of customers:		
service, please select N/A; if you don't know, please select "Don't know Utilities - (Questions A4-A7 repeat for each of the following utilities)	. ,	
Offices - (Questions A4-A7 repeat for each of the following diffices)		
O electric power		
O water/sewer		
water/sewer land-line telephone		
water/sewer land-line telephone Internet/IT		
water/sewerland-line telephoneInternet/ITnatural gas		
 water/sewer land-line telephone Internet/IT natural gas Cell phone service 		
water/sewer land-line telephone Internet/IT natural gas Cell phone service Section A: Utilities		
water/sewer land-line telephone Internet/IT natural gas Cell phone service Section A: Utilities A4.\${lm://Field/2}. Did your business lose \${lm://Field/1}?		
 water/sewer land-line telephone Internet/IT natural gas Cell phone service Section A: Utilities A4.\${lm://Field/2}. Did your business lose \${lm://Field/1}? Yes		

A6.\${Im://Field/2}. Did your business have backup systems or emergency reserves for \${Im://Field/1}?? Yes No Don't know Not applicable A7.\${Im://Field/2}. Did your business use backup systems or emergency reserves for \${Im://Field/1}?? Yes No Don't know Back-up system damaged by Hurricane Maria Not applicable B: Property Damage B: Property Damage: This section asks about the property damage to this establishment as a result ONLY of Hurricane Maria. Property damage refers to BOTH structural damage and non-structural damage. Structural damage examples include damage to roofs and walls; examples of non-structural damage include broken windows, fixtures, damage to equipment, furnishings, inventory/stock.	A5.\${lm://Field/2}. About how many days until <u>\${lm://Field/1}</u> was fully repaired? (days
\${\llm://Field/1}? Yes No Don't know Not applicable A7.\${\lm://Field/2}. Did your business use backup systems or emergency reserves for \${\llm://Field/1}?? Yes No Don't know Back-up system damaged by Hurricane Maria Not applicable B: Property Damage B: Property Damage: This section asks about the property damage to this establishment as a result ONLY of Hurricane Maria. Property damage refers to BOTH structural damage and non-structural damage. Structural damage examples include damage to roofs and walls; examples of non-structural damage include broken windows, fixtures, damage to equipment,	
 No Don't know Not applicable A7.\${Im://Field/2}. Did your business use backup systems or emergency reserves for \${Im://Field/1}?\$ Yes No Don't know Back-up system damaged by Hurricane Maria Not applicable B: Property Damage Section B. Property Damage: This section asks about the property damage to this establishment as a result ONLY of Hurricane Maria. Property damage refers to BOTH structural damage and non-structural damage. Structural damage examples include damage to roofs and walls; examples of non-structural damage include broken windows, fixtures, damage to equipment, 	
\${\ll m://Field/1}? Yes No Don't know Back-up system damaged by Hurricane Maria Not applicable B: Property Damage Section B. Property Damage: This section asks about the property damage to this establishment as a result ONLY of Hurricane Maria. Property damage refers to BOTH structural damage and non-structural damage. Structural damage examples include damage to roofs and walls; examples of non-structural damage include broken windows, fixtures, damage to equipment,	○ No ○ Don't know
 No Don't know Back-up system damaged by Hurricane Maria Not applicable B: Property Damage Section B. Property Damage: This section asks about the property damage to this establishment as a result ONLY of Hurricane Maria. Property damage refers to BOTH structural damage and non-structural damage. Structural damage examples include damage to roofs and walls; examples of non-structural damage include broken windows, fixtures, damage to equipment, 	
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This section asks about the property damage to this establishment as a result ONLY of Hurricane Maria. Property damage refers to BOTH structural damage and non-structural damage. Structural damage examples include damage to roofs and walls; examples of non-structural damage include broken windows, fixtures, damage to equipment,	B: Property Damage
Structural damage examples include damage to roofs and walls; examples of non- structural damage include broken windows, fixtures, damage to equipment,	This section asks about the property damage to this establishment as a result ONLY o
structural damage include broken windows, fixtures, damage to equipment,	Property damage refers to BOTH structural damage and non-structural damage.
	structural damage include broken windows, fixtures, damage to equipment,
B1. Did your business suffer any physical damage due to Hurricane Maria?	B1. Did your business suffer any physical damage due to Hurricane Maria?
O No.	
○ No ○ Don't know	

B2. Was any part of the roof gone?
○ Yes○ No○ Unsure
B2a. Was there any area where you could see the sky?
○ Yes○ No○ Unsure
B2b. Did the roof need to be patched or replaced?
Yes, roof needed to be completely replacedYes, roof needed to be patchedNoUnsure
B3. During and immediately after was water coming through the roof?
Yes, all areas or roomsYes, in some areas or roomsNoUnsure
B4. How many of the windows and doors in the building do you think were damaged by Hurricane Maria?
 ○ None ○ A few ○ Several ○ Most ○ All of them ○ Don't know ○ Not applicable
B5a. How many exterior walls of the building were damaged by Hurricane Maria? None A few

O Several						
Most						
All of them						
O Don't know						
Not applicable						
B5b. How would you o	describe th	ne damage	e to the exter	ior walls c	aused by Hu	rricane
 Very little or no visible Minor damages like note Partial failure of one wall Failure of one wall Failure of more than of the content of the	narks or de wall one wall				repair	
riow would you descr	ibe tile dai	nage non	i i iuiiicane n	nana io.		
	None	Minor	Moderate	Severe	Complete	Don't Know
B6. Interior finishes (e.g., floors, wall, and ceiling surfaces)	0	0	0	0	0	0
B7. Contents (furniture and appliances)	0	0	0	0	0	0
B8. Inventory (raw material, work in process, finished good)	0	0	0	0	0	0
B9. Machinery and equipment	0	0	0	0	0	0

B10. How would you describe the extent to which water entered the building during Hurricane Maria (for example, wind-driven rain), in terms of building area, with 0% meaning no water intrusion and 100% meaning complete water intrusion inside the whole building? Slide to select %.

Don't		Percent of water instrusion									
know											
	100	90	80	70	60	50	40	30	20	10	0

B11. This question asks about flooding from rising water

a. Did flooding from rising water occur at the building site? For example, within a parking lot or a pathway leading to the facility.
○ Yes
○ No
O Don't know
O Dentimen
b. Did any floodwater enter the building?
○ Yes
○ No
O Don't know
O Dentimen
c. About what was the maximum water height inside the building? Please answer in
feet.
☐ Don't know
B12. Was roof-mounted equipment damaged or dislodged by Hurricane Maria?
O No
O Don't know
O DOITE KNOW
B13. Did the damage directly affect the establishment's ability to provide goods or services following the hazard event? Damage refers to BOTH structural damage and non-structural damage.
○ Yes
○ No
O Don't know

B14. When thinking about y business to close complete		nt, did the damage cause your
YesNoDon't know		
B14a. How long did it take	for your business to reope	n at any level of service? (days)
C: Essential Products and	d Services	
ESSENTIAL to deliver the	estions, think about Resour main good or service supp pose of answering these qu	uestions, please EXCLUDE labor
C1. How many suppliers diprior to Hurricane Maria?	d you count on to provide	these essential resources just
1 supplier2 suppliers3-5 suppliers6-10 suppliersMore than 10 suppliers		
C1a. Did your business rely Rico?	y on Essential Resource(s)) from suppliers located in Puerto
	Yes	No
One year before Hurricane Maria?	0	0
One year after Hurricane Maria?	0	0

C1b. Did your business rely Continental US?	y on Essential Resource(s	s) from suppliers located in the
	Yes	No
One year before Hurricane Maria?	0	0
One year after Hurricane Maria?	0	0
C1c. Did your business reli	ed on Essential Resource	(s) from non-US suppliers?
	Yes	No
One year before Hurricane Maria?	0	0
One year after Hurricane Maria?	0	0
There were MINOR issuesThere were MINOR issuesThere were MAJOR issuesThere were MAJOR issues	in the supply that created a in the supply that created a in the supply that created a	a MINOR disruption in service a MAJOR disruption in service a MINOR disruption in service a MAJOR disruption in service a MAJOR disruption in service
Increased greatlyIncreased someStayed the sameDecreased someDecreased greatly		
C5. Did your business have	e on-site warehousing/stor	rage before Hurricane Maria?
Yes, for resources and prodYes, just for resourcesYes, just for final productsNo	ducts	

occurrence of Hurricane Maria??		
	Yes	No
a. Transport issues	0	0
b. Accessibility to site issues	0	0
C7. Did you have issue with delivering Hurricane Maria?	ng your products/services in the	year following
	Yes	No
a. Transport issues	0	0
b. Accessibility to site issues	0	0
D: Employees Section D. Employees		
D1. Please indicate the total number yourself) that your business employe	·	,
a. 1 month Before Hurricane Maria		0
b. Immediately after Hurricane Maria		0
c. 1 year after Hurricane Maria		0
d. After Hurricane Dorian (August 20	19)	0
e. Before COVID-19 was declared a	national emergency in March 2020	0
Total		0

C6. Did you have any issues delivering your products/service in the year prior to the

D2. Did your business experience any issues with employees during recovery?

For the purpose of this question consider the recovery period extending after Hurricane Maria and up until one year after Maria in September 2018.

	Yes	No		Don't know
a. Employee(s) could not report to work due to transportation problems	0	0		0
b. Employee(s) could not report to work due to the need to fix house	0	0		0
c. Employee(s) could not report to work because their children not yet back to school	0	0		0
d. Employee(s) could not report to work because their children not yet back to daycare	0	0		0
e. Employee(s) could not report to work because of disaster- related physical health issues	0	0		0
f. Employee(s) could not report to work because of disaster- related mental health issues	0	0		0
Section E. Resilience Tactics for Hurricane Maria: The following questions ask about approaches busine resilience.		employ	to imp	rove
E1. Please tell me which approaches your business on RECOVERY following Hurricane Maria.	employed a	at any po	oint to h	nelp with
		Vaa		
Pooled resources or formed partnerships with local businesses		Yes	No	N/A
Brought on-line physical assets not previously in use		O	No O	N/A
Reduced salaries		O O	No O	N/A O O
Neddocd Salaries		O O	No O O	N/A O O
Moved to temporary or permanent new location		O O O	No O O O	N/A O O O
		O O O	No O O O O	N/A O O O O
Moved to temporary or permanent new location		O O O O	N° O O O O O	N/A O O O O O
Moved to temporary or permanent new location Teleworked	eervices		No O O O O O	N/A O O O O O
Moved to temporary or permanent new location Teleworked Sold some of the business' assets Replaced resource(s) used in the production and delivery of goods/s	services		No O O O O O	N/A O O O O O O
Moved to temporary or permanent new location Teleworked Sold some of the business' assets Replaced resource(s) used in the production and delivery of goods/s with a substitute	services		Nº 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N/A O O O O O O O
Moved to temporary or permanent new location Teleworked Sold some of the business' assets Replaced resource(s) used in the production and delivery of goods/s with a substitute Renegotiated the price and or delivery of products/services	ervices		Nº 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N/A O O O O O O O O
Moved to temporary or permanent new location Teleworked Sold some of the business' assets Replaced resource(s) used in the production and delivery of goods/s with a substitute Renegotiated the price and or delivery of products/services Improvised production and/or service delivery process	services		Nº 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N/A O O O O O O O O O

		Yes	No	N/A
Obtained resources and/or goods	from new supplier(s)	0	0	0
Laid off some of the workforce		0	0	0
Other:				
•	was available to your busing cope with any shortage of	-		g
Yes No Don't know				
E3. Which of the following of inventory available? (Selec	options influenced your deci t Yes or No for each item.)	ision to not use/h	ave gre	eater
	Yes	N	0	
The Inventory Tax (Municipal Property Tax Act of 1991) limits cost- effectiveness of holding inventory	0	C)	
My historical data or models did not forecast correctly to increase the level of inventories	0			
Supply chain issues	0			
Financial Constraints	0			
Other, please describe:				

F: Mitigation

Section F. Mitigation:

The following questions ask about insurance coverage and other actions your business did before Maria hit.

F1. Did you have insurance before Hurricane Maria	hit?	
Yes No Don't know		
F2. Did you adopt any of the following insurance be	efore Hurricane Mar	ia hit?
	Adop	ted?
	Yes	No
Business income interruption insurance	0	0
Business liability insurance	0	0
Business property insurance on contents	0	0
Flood insurance on contents	0	0
Other insurance (specify):		
F3. Did you file a claim on the following insurances	following Hurricane	e Maria?
	Filed c	laim?
	Yes	No
Business property insurance on contents	0	0
Flood insurance on contents	0	0
Business income interruption insurance	0	0
Business liability insurance	0	0
Other insurance: \${q://QID261/ChoiceTextEntryValue}	\circ	\circ

F4. Did you receive the money by September 2020?

	Received r	noney?
	Yes	No
Business property insurance on contents	0	0
Flood insurance on contents	0	0
Business income interruption insurance	0	0
Business liability insurance	0	0
Other insurance: \${q://QID261/ChoiceTextEntryValue}	0	0
F5. Did you apply for any recovery assistance after Hurri	cane Maria hit?	
) Yes		
○ No		
Oon't know		
F6. Which recovery assistance did you apply or ask for a	fter Hurricane Ma	aria?
	Yes	No
Local government funds	0	0
Crowdsourcing or peer lending	0	0
Financial assistance from any faith-based or religious organization	0	0
Non-Government Organizations (NGO)	0	0
FEMA financial assistance	0	0
Private/bank loans	0	0
SBA (Small Business Administration) loan	0	0
Other federal or state funds (specify):		
(-p,).		
Other assistance (specify):		

F7. Did you receive your funding from any of the following during your recovery period?

	Yes	No
FEMA financial assistance	0	0
SBA (Small Business Administration) loan	0	0
Local government funds	0	0
Financial assistance from any faith-based or religious organization	0	0
Non-Government Organizations (NGO)	0	0
Private/bank loans	0	0
Crowdsourcing or peer lending	0	0
Other federal or state funds: \${q://QID263/ChoiceTextEntryValue}	0	0
Other assistance (specify): \${q://QID265/ChoiceTextEntryValue}	0	0

F8. Did this business establishment adopt any of the following actions <u>Before Hurricane Maria</u>? Select one response per item.

	Yes	No	N/A
Performed risk assessment to identify business vulnerability to disasters	0	0	0
Developed a written emergency action plan or checklist	0	0	0
Adopted strategies to stay informed of weather watches and warnings	0	0	0
Developed telework readiness plan	0	0	0
Having backup systems or emergency reserves for utility services (e.g., electric power, water, etc.)	0	0	0
Performed emergency management drills regularly	0	0	0
Lifted inventory and other supplies off the ground	0	\circ	0
Received disaster related information	0	\circ	0
Backed up all important documents	0	\circ	0
Boarded up windows, brace shelves	0	\circ	0
Had building structurally assessed by engineer	0	\circ	0
Attended Meetings, trainings (in person/online)	0	\circ	0
Increased inventory	0	\circ	0
Made plans for a temporary location	\bigcirc	\bigcirc	\bigcirc

		Yes	No	N/A
Assigned disaster responsibilities to specific	employees	0	0	0
Develop a disaster recovery plan, business	continuity plan	0	0	0
Another activity not included in this	s list. Please specif	y:		
F9. In your opinion, how prepared Hurricane Maria today?	is your business to	deal with a h	urricane li	ke
O Very well				
○ Well				
Somewhat well				
Poor Very poor				
O Don't know				
F10. You indicated that your busin Please select all that apply.	ess establishment	is not well pre	pared. Wi	ny is that?
Lack of money/resources				
Lack of time				
Lack of workers	ata and numbers for	h		
Lack of information on how to mitigOther (SPECIFY):	ate and prepare for	nurricanes		
	\neg			
G: Owner/Manager Demographi	cs			
3 .				

Section G. Owner/Manager Demographics

G1. How many years have you worked as a business owner/manager? (years)

G2. Indicate type of diploma or degree:
 Some high school High School Associate degree / some college Bachelors Masters or higher degree
G3. Which category best describes your sex? You may skip this question if you prefer not to answer.
MaleFemale
G4. How many severe disruptive events like Hurricane Maria have you experienced in your life? (Please include at your place of business and at your residence) (Number)
G5. Regarding the <u>recovery of the entire Commonwealth of Puerto Rico,</u> since Hurricane Maria, would you say it is:
Fully recoveredPartially recoveredStill in survival/response modeWill never recover
G6. Regarding the <u>recovery of the municipios your business serves</u> , since Hurricane Maria would you say the municipios are:
Fully recoveredPartially recoveredStill in survival/response modeWill never recover

Q1.1. How many hurricanes similar to Hurricane Maria do you expect to hit your area in the next 50 years?
Q1.2. Do you expect one of these severe hurricanes to happen in the next five years? No Yes
Q2. IF a hurricane like Hurricane Maria hits your area next hurricane season, what is the potential risk of loss of life at your business site? Please provide your best estimate. Here "loss of life" means the death of at least one person at your business site.
No risk Minor risk Moderate risk Severe risk Complete risk
Q3. IF a hurricane like Hurricane Maria hits your area next hurricane season, what is the potential risk of damages to your business property (structure, contents, etc.)? Please provide your best estimate.
No risk Minor risk Moderate risk Severe risk Complete risk

Q4. How worried are you about the impact (i.e. damages and interruptions) that a hurricane event like Hurricane Maria would cause if one were to occur next hurricane

The following questions ask about your risk perception. Please answer the following questions given your perception of risks associated with a severe hurricane event like

Hurricane Maria.

season?

Slightly worried							
O Somewhat worried							
Moderately worrie							
Extremely worried	d						
Q5. Imagine that the each hurricane set what is your preference of the probably do not probabl	eason and erence tow prefer to tal	your busir ards takin ke any acti	ness has no g action(s) on	ot yet take	n any actio	n ahead	
Might prefer to ta	ke an actio	n					
O Probably prefer to	o take actio	n(s)					
O Definitely prefer t	o take actio	on(s)					
Extension Q6-10 The following que BEFORE/AFTER	estions ask					•	
Q6. IF the chance	that a hur	ricane like	Hurricane	Maria occ	curs is 1 / 1	I 00 each	
hurricane season	, how COS	ST-EFFEC	TIVE do yo	ou think th	e following	options	would
be?							
	Extremely cost ineffective	Very cost ineffective	Somewhat cost ineffective	Neither cost effective nor cost ineffective	Somewhat cost effective	Very cost effective	Extremely cost effective
I. Take PREPAREDNESS AND RISK REDUCTION actions (e.g., keeping HVAC and electronics away from flood- vulnerable areas, boarding windows, using sandbags, having emergency plans in place, etc.) as compared to saving money by taking no actions	0	0	0	0	0	0	0

	Extremely cost ineffective	Very cost ineffective	Somewhat cost ineffective	Neither cost effective nor cost ineffective	Somewhat cost effective	Very cost effective	Extremely cost effective
II. Purchase INSURANCE COVERAGES (e.g., Business property insurance, Business income interruption insurance, etc.)	0	0	0	0	0	0	0
III. Take AFTER-EVENT ACTIONS based on your available resources and capacity (e.g., Moving to temporary or permanent new location, Teleworking, Employing inventories or emergency stockpiles, etc.).	0	Ο	0	0	0	0	0
Q7. If a hurricane impacts your bus offset the impactorses.	iness, how	effective of	do you thin	k the follow	wing option	s would	be to
	Extremely ineffective	Very ineffective	Somewhat ineffective	effective nor ineffective	Somewhat effective	Very effective	Extremely effective
I. Taking PREPAREDNESS AND RISK REDUCTION actions (e.g., keeping HVAC and electronics away from flood- vulnerable areas, boarding windows, using sandbags, having emergency plans in place, etc.) as compared to saving money by taking no actions	0	0	0	0	0	0	0

	Extremely ineffective	Very ineffective	Somewhat ineffective	Neither effective nor ineffective	Somewhat effective	Very effective	Extremely effective
II. Having INSURANCE COVERAGES (e.g., Business property insurance, Business income interruption insurance, etc.)	0	0	0	0	0	0	0
III. Taking AFTER-EVENT ACTIONS based on your available resources and capacity (e.g., Moving to temporary or permanent new location, Teleworking, Employing inventories or emergency stockpiles, etc.).	0	0	0	0	0	0	0
Q8. How much do following actions	-	-	personal c	apacity ar	nd ability to	carry ou	t the
	Very untrue of what believe	I of what I	Somewhat untrue of what I believe	Neutral	Somewhat true of what I believe	True of what I believe	Very true of what I believe

	of what I believe	of what I believe	what I believe	Neutral	what I believe	what I believe	what I believe
I. Taking PREPAREDNESS AND RISK REDUCTION actions before the hurricane event.	0	0	0	0	0	0	0
II. Purchasing INSURANCE COVERAGES before the hurricane event.	0	0	0	0	0	0	0
III. Taking <u>AFTER-EVENT ACTIONS</u> during the recovery to offset the impacts following the hurricane event.	0	0	0	0	0	0	0

Q9. How much do you believe the effectiveness of the following actions is under your control?

	Very untrue of what I believe	Untrue of what I believe	Somewhat untrue of what I believe	Neutral	Somewhat true of what I believe	True of what I believe	Very true of what I believe
I. Taking PREPAREDNESS AND RISK REDUCTION actions before the hurricane event.	0	0	0	0	0	0	0
II. Purchasing INSURANCE COVERAGES before the hurricane event.	0	0	0	0	0	0	0
III. Taking AFTER- EVENT ACTIONS during the recovery to offset the impacts following the hurricane event.	0	0	0	0	0	0	0
PREPAREDNESS AND RISK REDUCTION actions before the hurricane event. II. Purchasing INSURANCE COVERAGES before the hurricane event. III. Taking AFTER-EVENT ACTIONS during the recovery to offset the impacts following the hurricane event. Q10a. To what extent do you agree whether the following have affected (or affects) your decision to adopt PREPAREDNESS AND RISK REDUCTION ACTIONS before a hurricane event? Strongly disagree Disagree Somewhat disagree Somewhat agree So							
		Disagree		agree or		Agree	
experience as a business operator with severe disruptive	0	0	0	0	0	0	0
and training I have about hurricanes and	0	0	0	0	0	0	0
	0	0	0	0	0	0	0

Q10b. To what extent do you agree whether the following have affected (or affects) your decision to **PURCHASE INSURANCE COVERAGES** before a hurricane event?

IV. What society (my fellow businesses, customers, families, and friends) expects from a businessperson like

me

Strongly Somewhat agree or Somewhat disagree Disagree disagree disagree agree Agree agree

	Strongly disagree	Disagree	Somewhat disagree	Neither agree or disagree	Somewhat agree	Agree	Strongly agree
I. My previous experience as a business operator with severe disruptive events	0	0	0	0	0	0	0
II. The information and training I have about hurricanes and hazard reduction	0	0	0	0	0	0	0
III. The decisions and actions of my neighboring businesses/my competitors	0	0	0	0	0	0	0
IV. What society (my fellow businesses, customers, families, and friends) expects from a businessperson like me	0	0	0	0	Ο	0	0

Q10c. To what extent do you agree whether the following have affected (or affects) your decision to adopt **AFTER-EVENT ACTIONS** during recovery to offset the impacts following a hurricane event?

	Strongly disagree	Disagree	Somewhat disagree	Neither agree or disagree	Somewhat agree	Agree	Strongly agree
I. My previous experience as a business operator with severe disruptive events	0	0	0	0	0	0	0
II. The information and training I have about hurricanes and hazard reduction	0	0	0	0	0	0	0
III. The decisions and actions of my neighboring businesses/my competitors	0	0	0	0	0	0	0
IV. What society (my fellow businesses, customers, families, and friends) expects from a businessperson like me	0	0	0	0	0	0	0

Extension (Open-ended Questions):

Q17. What do you need to better plan for future hurricanes?	
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Last question	
What is the ZIP code of the main facility for your business?	
	7
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If you would like to be contacted with outcomes from this research, please provide your email address:	

Please write a short answer to the following question.

If you encounter any issues in completing this survey, please feel free to contact the survey helpdesk at EstudioHMhelp@erg.com or 787-510-6478.

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