	SECTION B					
	Organization Company C					
23	In 2020, where were decisions to use independent contractors, leased workers, and purchased services for the following categories made for this establishment?					
	Select all that apply	Only at this establishment	Only at headquarters	Both at this establishment and headquarters		
	Cleaning and janitorial services					
	Food services					
	Security services					
	Transportation, logistics, and distribution services					
	Payroll and human resource services					
	Manufacturing activities					
0.5	le 2000 color de cidad color de tempe et dete la collection de la color de la	1 0			· 	
25	In 2020, who decided what type of data to collect for this establishment	L?		2020		
	Select all that apply Managers at this establishment			2020		
	Production workers at this establishment					
	Engineers at this establishment					
	Managers at headquarters or other establishments					
	Government regulations or agencies					
	Consultants (including systems integrators)					
				_		
		SECTION C				
		Outsourcing				
26A	In 2020, how much did this establishment spend on labor costs and purchased services in each of the following categories?					
			r the following editogenes			
	Estimates are acceptable. Report in \$1,000s.		r the following eategeries			
	Estimates are acceptable. Report in \$1,000s. Category	Own Employees	Independent contractors	Temporary staff and leased workers	Other purchased services	
			Independent	Temporary staff and	· · · · · · · · · · · · · · · · · · ·	
	Category		Independent	Temporary staff and	· · · · · · · · · · · · · · · · · · ·	
	Category Cleaning and janitorial services		Independent	Temporary staff and	· · · · · · · · · · · · · · · · · · ·	
	Category Cleaning and janitorial services Food services		Independent	Temporary staff and	· · · · · · · · · · · · · · · · · · ·	
	Category Cleaning and janitorial services Food services Security services		Independent	Temporary staff and	· ·	
	Category Cleaning and janitorial services Food services Security services Transportation, logistics, and distribution services		Independent	Temporary staff and	· · · · · · · · · · · · · · · · · · ·	
26B	Category Cleaning and janitorial services Food services Security services Transportation, logistics, and distribution services Payroll and human resource services Manufacturing activities	Own Employees	Independent contractors	Temporary staff and leased workers	· · · · · · · · · · · · · · · · · · ·	
26B	Category Cleaning and janitorial services Food services Security services Transportation, logistics, and distribution services Payroll and human resource services	Own Employees	Independent contractors	Temporary staff and leased workers	· · · · · · · · · · · · · · · · · · ·	
26B	Category Cleaning and janitorial services Food services Security services Transportation, logistics, and distribution services Payroll and human resource services Manufacturing activities In 2020, for the largest expenditure category in (26A), how many worker	Own Employees	Independent contractors	Temporary staff and leased workers	· ·	
26B	Category Cleaning and janitorial services Food services Security services Transportation, logistics, and distribution services Payroll and human resource services Manufacturing activities In 2020, for the largest expenditure category in (26A), how many worker For example, if your establishment engaged one full-time independent of	Own Employees	Independent contractors	Temporary staff and leased workers	· ·	

27	In 2015, how much did this establishment spend on labor costs and purchased services in each of the following categories?							
	Estimates are acceptable. Report in \$1,000s.							
	Category	Own Employees	Independent contractors	Temporary staff and leased workers	Other purchased services			
	Cleaning and janitorial services							
	Food services							
	Security services							
	Transportation, logistics, and distribution services							
	Payroll and human resource services							
	Manufacturing activities							
				1				
28	In 2022, how much do you predict this establishment will spend on labo	r costs and purchased se	rvices in each of the follo	owing categories?				
	Estimates are acceptable. Report in \$1,000s.							
		Own Employees	Independent	Temporary staff and	Other purchased			
	Category	, ,	contractors	leased workers	services			
	Cleaning and janitorial services							
	Food services							
	Security services							
	Transportation, logistics, and distribution services							
	Payroll and human resource services							
	Manufacturing activities							
29	In 2020, when this establishment considered whether to rely on its own e following categories, which factors were important in driving the decision		ndent contractors, leased	l workers, and/or purchas	ed services for the			
	Select all that apply							
					Other			
	Category	Lower cost	Higher quality	Greater flexibility	(please specify)			
	Cleaning and janitorial services							
	Food services							
	Security services							
	Transportation, logistics, and distribution services							
	Payroll and human resource services							

Manufacturing activities

	SEC	TION D					
	Data, Decisio	n Making, and Al					
In 2020, how much of the information retained at this establishment for each was the following functions was stored in a digital format?							
Select one for each row							
None Up to 50% More than 50%, but not All Function n							
Functions			all		at this establishmen		
Production scheduling and monitoring							
Quality control							
Equipment failure and maintenance							
Environmental or safety compliance							
Design of new products or services							
Sales forecasting							
Supply chain management and logistics							
Customer information and support							
Evaluation and management of employee performance	п			п	П		
Digital data is often summarized for use in decision making. This approach range, mean or median, variance, and frequency breakdowns by category Select one for each row					features of data such as the		
Functions	None	Up to 50%	More than 50%, but not all	All	Function not perform at this establishmer		
Production scheduling and monitoring			<u>_</u>				
Quality control					_		
Equipment maintenance		_		_			
Equipment maintenance Environmental or safety compliance	_	_	_	_			
	_	_ 	_ 	_ 	_ _ _		
Environmental or safety compliance	0	_ _ _	_ _ _	_ 	_ _ _		
Environmental or safety compliance	_ 	0		0			
Environmental or safety compliance	_ _ _	0					

2 In 2020, to what extent did this establishment use predictive analytics to su	ipport each of th	ne following functions?			
Predictive analytics are statistical or algorithm-based models that provide for algorithms that can learn and update without human intervention (artificial int			ng, production planning, or hu	man resources manag	ement. Do not include
Select one for each row					
			More than 50%, but not		Function not performed
Functions	None	Up to 50%	all	All	at this establishment
Production scheduling and monitoring					
Quality control	_	_	_	_	_
Equipment maintenance	_		_	_	
Environmental or safety compliance	_			_	_
Design of new products or services	_				
Sales forecasting		_	_	_	_
Supply chain management and logistics					
Customer information and support			_		
Evaluation and management of employee performance					
In 2020, to what extent did this establishment use artificial intelligence to s	upport each of t	the following functions?			
In 2020, to what extent did this establishment use artificial intelligence to s Artificial intelligence is a branch of computer science and engineering devote			nce is that quality that enables	an entity to nerceive	analyze determine
response, and act appropriately in its environment. Include algorithms that ca				an entity to perceive,	analyze, determine
Select one for each row					
			More than 50%, but not		Function not performed
Functions	None	Up to 50%	all	All	at this establishment
Production scheduling and monitoring					
Quality control	_	_	_	_	_
Equipment maintenance	_		_		
Environmental or safety compliance					
Design of new products or services					
	_				
Sales forecasting					
Supply chain management and logistics			_		
Supply chain management and logistics	_ _	_ _	_ _	0	_ _
Supply chain management and logistics			_		
Supply chain management and logistics			_ _ _	0	_ _
Supply chain management and logistics			_ _ _	0	_ _
Supply chain management and logistics			anufacturing activities?		_ _
Supply chain management and logistics		artificial intelligence in m	anufacturing activities?	More than 50% of manufacturing	_ _
Supply chain management and logistics	pplications of a	artificial intelligence in m Testing, but not using manufacturing activitie	anufacturing activities? In Up to 50% of es manufacturing activities	More than 50% of manufacturing activities, but not all	All manufacturing activities
Supply chain management and logistics	pplications of a	artificial intelligence in m Testing, but not using manufacturing activitie	anufacturing activities? In Up to 50% of es manufacturing activities	More than 50% of manufacturing activities, but not all	All manufacturing activities
Supply chain management and logistics	pplications of a	artificial intelligence in m Testing, but not using manufacturing activitie	anufacturing activities? In Up to 50% of es manufacturing activities	More than 50% of manufacturing activities, but not all	All manufacturing activities
Supply chain management and logistics	pplications of a	artificial intelligence in m Testing, but not using manufacturing activitie	anufacturing activities? In Up to 50% of es manufacturing activities	More than 50% of manufacturing activities, but not all	All manufacturing activities
Supply chain management and logistics	pplications of a	artificial intelligence in m Testing, but not using manufacturing activitie	anufacturing activities? In Up to 50% of es manufacturing activities	More than 50% of manufacturing activities, but not all	All manufacturing activities
Supply chain management and logistics Customer information and support Evaluation and management of employee performance	pplications of a	artificial intelligence in m Testing, but not using manufacturing activitie	anufacturing activities? In Up to 50% of es manufacturing activities	More than 50% of manufacturing activities, but not all	All manufacturing activities
Supply chain management and logistics Customer information and support Evaluation and management of employee performance In 2020, to what extent did this establishment use the following technical a Select one for each row Applications Machine vision Speech recognition Predictive maintenance Virtual prototyping	pplications of :	artificial intelligence in m Testing, but not using manufacturing activitie	anufacturing activities?	More than 50% of manufacturing activities, but not all	All manufacturing activities

Recommendation systems ...

Fraud detection or risk analysis (anomaly detection) ..

35	In 2015, to what extent did this establishment use the following technical applications of artificial intelligence in manufacturing activities?						
	Select one for each row						
	Applications	No use	Testing, but not using in manufacturing activities	Up to 50% of manufacturing activities	More than 50% of manufacturing activities, but not all	All manufacturing activities	Don't know
	Machine vision				_		
	Speech recognition						
	Predictive maintenance						
	Virtual prototyping						
	Industrial robots						
	Automated guided vehicles (AGV)						
	Augmented reality						
	Recommendation systems						
	Fraud detection or risk analysis (anomaly detection)						
20	In 2000 to what automatical the fall profession of the state of the st	:-t-!!:t th:t	-1-1				
36	In 2020, to what extent did the following factors affect the use of artificial Select one for each row	intelligence at this esta	abiisnment?				
	Select one for each row						
	Applications	Prevented use	Delayed use	Made use less effective or more difficult	No effect	Accelerated use	Don't know
	Level of AI expertise or skills at this establishment						
	Level of AI expertise or skills at headquarters						
	Amount or type of data available						
	IT infrastructure						
	Immaturity of AI technology						
	Cost						
	Difficulty identifying business use cases to which AI can be applied						
	Uncertainty about government regulations or industry standards						
	Manager attitudes towards Al						
	Production worker attitudes towards AI						
	SECT	ON F					
	Background C						
50	When preparing your financial statements in 2020, did your firm retain ar	external Certified Pu	blic Accountant?				
	Select one						
	☐ Yes - To conduct an audit						
	Yes - To conduct an audit Yes - To conduct a review						
	Yes - To conduct a review						
	Yes - To conduct a review Yes - To conduct a compilation						
	Yes - To conduct a review Yes - To conduct a compilation No (if no, SKIP to (53)) Do not know (if do not know, SKIP to (53))						
51		rm's audit, review, or c	compilation?				
51	Yes - To conduct a review Yes - To conduct a compilation No (if no, SKIP to (53)) Do not know (if do not know, SKIP to (53))						

☐ Do not know (If do not know, SKIP to (53))

52	Which of the following activities did the auditor conduct at this establishment?		
	Selec	et all that apply	
		Inventory control tests	
		Employee control tests	
		Expense control tests	
		Cash management tests	
		Accounts receivable control tests	
		Materials control tests	
		Other (please specify)	

Draft Definitions and Instructions

Own Employees are full- and part-time employees of your establishment whose payroll is reportable on Internal Revenue Service Form 941. When reporting expenditures on Own Employees, include payroll and the cost of fringe benefits. Include paid sick leave, paid holidays, and paid vacations during the year.

Independent Contractors are non-employee workers who provide labor services to your establishment on a one-shot, occasional or recurring basis. Most payments to independent contractors are reportable on Internal Revenue Service Form 1099-MISC.

Leased Workers are staff obtained from temporary help services firms and employee leasing firms who perform labor work for your establishment.

Purchased Services are services that your establishment purchases from an outside company. Examples include food catering, security services, delivery and transport services, janitorial services, payroll processing, and computer hardware maintenance.