

STATISTICS OF MANUFACTURERS.

MANUFACTURERS—BOOTS AND SHOES.

TABLE No. XXX.

COUNTIES, CITIES, TOWNS, AND TOWNSHIPS.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployes.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Re-pairs, etc.
<i>Adams County—</i>							
Monroe Township	1						
Hartford Township.....	2	\$500	\$1,000	\$1,500			
Wabash Township.....	2				2		
<i>Allen County—</i>							
Town of New Haven.....	3	400	500		1	\$400	\$200
Marion Township.....	1	200	400	600			
Lafayette Township.....	1						
<i>Bartholomew County—</i>							
Town of Elizabethtown.....	2	100			3	450	200
Flatrock Township.....	1	150	300				
Rock Creek Township.....	1						
Wayne Township.....	3	150	600	1,500	1	450	
<i>Benton County—</i>							
Town of Oxford.....	1	250	1,500	2,500	1	260	
Richland Township.....	1	100	50				
Grant Township.....	1	2,100	1,500	2,000	1	500	
<i>Blackford County—</i>							
Town of Hartford City.....	3	5,000			4	2,496	
Harrison Township.....	2						
<i>Boone County—</i>							
Town of Zionsville.....	3						
Town of Jamestown.....	3						
Sugar Creek Township.....	3	2,600	2,800	3,800	8	2,300	185
Worth Township.....	4	800	2,500	6,000	3	500	300
<i>Brown County—</i>							
Town of Nashville.....	2						
<i>Carroll County—</i>							
Tippecanoe Township.....	1	150	240	560	1	320	
Washington Township.....	1						
Burlington Township.....	3						
Clay Township.....	1						
<i>Cass County—</i>							
City of Logansport.....	19	3,500	8,500	29,000	38	14,224	3,000
Harrison Township.....	1						
Adams Township.....	1	50	100		1	100	
Miami Township.....	2	400	800	1,600	2		
<i>Clay County—</i>							
City of Brazil.....	7	3,500	3,500	4,000	14	3,000	
Town of Staunton.....	2	100	600	800			
Town of Bowling Green.....	2	300	200				
Town of Martz.....	2	600			2		
Perry Township.....	2	250	1,000	2,500			
Cass Township.....	1	300	600	1,000	2		
<i>Clark County—</i>							
City of Jeffersonville.....	13	4,000	8,500	12,000	19	6,000	5,000

TABLE No. XXX.—Continued.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendent's.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
<i>Clark County—Continued.</i>							
Town of Charlestown.....	5						
Bethlehem Township.....	1	\$50					
Monroe Township.....	1	200	\$200	\$300	1		
<i>Clinton County—</i>							
Kirklin Township.....	1	50					
<i>Crawford County—</i>							
Boone Township.....	1						
<i>Dearborn County—</i>							
Clay Township.....	2	400	3,000	4,000	4	\$300	
Cesar Creek Township.....	1						
Town of Moores Hill.....	2	200					
<i>Decatur County—</i>							
Town of Milford.....	1						
Fugit Township.....	4	300	800	1,200			\$32
Jackson Township.....	3						
Sand Creek Township.....	1						
Marion Township.....	2	1,500	3,000	4,000	4	1,200	
Salt Creek Township.....	1						
<i>DeKalb County—</i>							
Butler Township.....	1	25					
Newville Township.....	2	200	600	1,000			25
Richland Township.....	2						
<i>Delaware County—</i>							
City of Muncie.....	9	5,000		25,000	9	10,296	
Town of Eaton.....	1				2		
Salem Township.....	1	200	600	900			65
Mt. Pleasant Township.....	1	600					
Center Township.....	9	4,500		26,000	20	4,400	
<i>Dubois County—</i>							
Town of Huntingburgh.....	5	7,500	2,000	6,000	16	3,000	500
Columbia Township.....	1						
Jefferson Township.....	2						
Patoka Township.....	6	4,000	10,000	20,000	7	500	400
Cass Township.....	3	1,500	2,500	3,000	3	300	
Ferdinand Township.....	4						
<i>Elkhart County—</i>							
Elkhart Township.....	1						
Jackson Township.....	1	90	106	800	1	312	
Harrison Township.....	1	200	800	1,000	2	300	25
<i>Fayette County—</i>							
Connersville Township.....	3	1,500					
Columbia Township.....	1		200	400			
Orange Township.....	2		650				
<i>Floyd County—</i>							
City of New Albany.....	21	18,000	25,000	46,000	17	7,650	4,900
Greenville Township.....	3	600	600	1,600	4	1,000	20
<i>Fountain County—</i>							
Mill Creek Township.....	1	100					
Cain Township.....	2	100	400	800			
<i>Franklin County—</i>							
Town of Mount Carmel.....	3						
Highland Township.....	9	2,400			3		
Brookville Township.....	8	6,700					
Blooming Grove Township.....	2	200	300	600	2		
Metamora Township.....	2	100					
Posey Township.....	1	200	150	250	1	75	

TABLE No. XXX.—Continued.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
<i>Fullon County—</i>							
Newcastle Township.....	1	\$400					
<i>Gibson County—</i>							
Town of Princeton.....	3	3,000	\$3,720	\$7,440	5	\$2,136	
Columbia Township.....	1	300	600	1,200	3		
Patoka Township.....	1	1,000	2,500	6,000	1		
White River Township.....	3						
<i>Grant County—</i>							
Center Township.....	3						
Greene Township.....	1						
<i>Greene County—</i>							
Richland Township.....	2	550	2,700	5,300	1	300	\$375
Jackson Township.....	3	200	500	1,500	4	1,000	
Beech Creek Township.....	2	300	700	1,200			
<i>Hamilton County—</i>							
Town of Noblesville.....	6	1,200	3,000	6,000	7	2,000	300
Town of Clarksville.....	1	100	2,500		1		
Washington Township.....	2						
Jackson Township.....	3	919	2,420	3,339	3	1,478	150
Adams Township.....	2	20					
<i>Hancock County—</i>							
City of Greensfield.....	3	1,400	1,350	4,050	4		350
Town of Charlottesville.....	2	150		1,050	2	450	
<i>Harrison County—</i>							
Town of Elizabeth.....	2	300					
Town of Lanesville.....	3	700	1,200	2,500			
Boone Township.....	1	60	100	200			
Heth Township.....	1	300	250	300	1	48	
Morgan Township.....	4	800	1,200	1,600	6		
Blue River Township.....	1				6		
Taylor Township.....	1						
Washington Township.....	3	300	1,500	3,000	3	1,500	
<i>Hendricks County—</i>							
Town of Danville.....	4	750	2,450	5,200	4	978	280
Liberty Township.....	5	1,000					
Franklin Township.....	1	175	700	1,500	8	600	
Union Township.....	2	100	1,000	1,500	2		
Middle Township.....	2	100	600	1,400			
Lincoln Township.....	1	30	125	200			
<i>Henry County—</i>							
Town of Knightstown.....	3	1,300	1,900	3,000	6	1,600	150
Town of Greensboro.....	2	800	800	1,200			
Stony Creek Township.....	2				2		
Spiceland Township.....	3	1,000	1,500	2,500	4	200	100
<i>Howard County—</i>							
Town of Greentown.....	1	25	15	450	1	250	5
Town of Jerome.....	1	20	300	600	2		
Monroe Township.....	1	200	500	800	2	200	
Honey Creek Township.....	3				4		
Taylor Township.....	1						
Howard Township.....	1	50					
<i>Jackson County—</i>							
City of Seymour.....	12	9,600	6,170	14,700	18	7,270	200
Town of Brownstown.....	4	600	600	1,500	4	1,300	400
Driftwood Township.....	1	1,000	1,600	1,800	1		
Carr Township.....	2	200	475	1,050	1	215	12
<i>Jay County—</i>							
Town of Portland.....	2	800	2,500	4,000	4	1,000	

TABLE No. XXX.—Continued.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Em- ployees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Re- pairs, etc.
<i>Jay County—Continued.</i>							
Town of Salamonie.....	1	100	360	600	1	500	
Town of Dunkirk.....	4						
Richland Township.....	3	\$1,700	\$6,000	\$10,000	5	\$1,400	
Wabash Township.....	1	200	1,000	1,250			
<i>Jefferson County—</i>							
City of Madison.....	1	2,460	16,100	22,150	11	2,365	1,555
Town of Hanover.....	2						
Lancaster Township.....	2	200	600	1,000			
Graham Township.....	2	200	1,200	1,500	1	150	50
<i>Jennings County—</i>							
City of Vernon.....	3	3,000	2,000	3,000	4	1,000	300
Marion Township.....	1	300	800	1,200	1	50	
Montgomery Township.....	1						
<i>Johnson County—</i>							
Town of Edinburg.....	3	600	3,000	4,500	6	2,100	400
Franklin Township.....	2	500	2,000	6,000	4	2,000	
Nineveh Township.....	2	150	200	500	2		
Hensley Township.....	2	300					
<i>Knox County—</i>							
Vigo Township.....	3	500					
Vincennes Township.....	12						
<i>Kosciusko County—</i>							
Town of Eina Green.....	1	200	100	50	1	300	80
Town of Leesburg.....	1						
Town of Silver Lake.....	2	200	1,000	2,000			
Town of Syracuse.....	3	500					
Prairie Township.....	1	500					
<i>Lagrange County—</i>							
Lima Township.....	3	150			4		
Springfield Township.....	2			2,000			
<i>Lake County—</i>							
Town of Crown Point.....	5	250	375	1,500			300
Hobart Township.....	3	800	1,200	3,500	4	1,500	100
<i>Laporte County—</i>							
Scipio Township.....	1				1		
Hanna Township.....	2						
Cass Township.....	2	1,800					
<i>Lawrence County—</i>							
Town of Mitchell.....	4	1,000			5		
Flinn Township.....	1	100			1		
Pleasant Run Township.....	1						
Marion Township.....	3						
<i>Madison County—</i>							
City of Anderson.....	4	2,700	15,000	27,000	11	4,236	495
Town of Pendleton.....	4						
Town of Alexandria.....	3	500	1,000	2,000	5	300	200
Adams Township.....	2	200	600	1,150			
Stony Creek Township.....	2	75	400	800	2	350	
Jackson Township.....	1	600	1,800	2,500	4		
Union Township.....	1	100	50	75			
Van Buren Township.....	1						
<i>Marion County—</i>							
City of Indianapolis.....	134	26,775	101,900	259,935	120	38,040	16,225
Franklin Township.....	2	100	50	200	526		25
Warren Township.....	3	600	600	1,300			

TABLE No. XXX.—Continued.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployes.	Annual Wages Paid, including Superint'nce.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Marshall County—							
City of Plymouth.....	6	\$2,400	\$6,000	\$12,000	4	\$2,100	800
Union Township.....	2	250	400	800	1		
Center Township.....	1	100	500	1,000		200	
North Township.....	3	300	200				
Martin County—							
Town of Loogootee.....	4	3,000			5		
McCameron Township.....	1						
Halbert Township.....	2	1,000	5,000	10,000	5	2,000	
Miami County—							
City of Peru.....	8	4,000	5,000	16,000	25		
Town of Xenia.....	2	1,000	2,000	4,000	2		
Butler Township.....	2	300	600	1,000		400	
Pipe Creek Township.....	2	200	600		3		
Monroe County—							
City of Bloomington.....	5	200					
Bean Blossom Township.....	1	20	200	400	1	300	
Bloomington Township.....	4						
Montgomery County—							
Town of Waveland.....	3	500	1,000	2,500			150
Town of New Ross.....	1	150					
Franklin Township.....	3	350					
Morgan County—							
Clay Township.....	2						
Mourée Township.....	4						
Adams Township.....	2	100	200	300	2	300	
Newton County—							
Town of Goodland.....	1	2,500	5,500		4	2,200	
Noble County—							
Town of Ligonier.....	4	6,850	8,500	17,000	14	6,300	375
Town of Avilla.....	2	500	1,200	1,800	1		100
Sparta Township.....	3						
Elkhart Township.....	3	1,000	500	1,800	3	900	
Orange Township.....	2	200	250				
Allen Township.....	3	50	500	1,000	3	450	5
Swan Township.....	2	150					
Ohio County—							
City of Rising Sun.....	5	2,500	1,500	3,500	3	900	
Orange County—							
Town of Orleans.....	4	1,000	2,000	6,000	6	1,200	
Orangeville Township.....	2						
Jackson Township.....	1	600			1	300	
Owen County—							
Town of Spencer.....	23			3,000	3		
Town of Gosport.....	1	200	500	800	1	84	
Montgomery Township.....	1	50	50	150			
Washington Township.....	1	300					
Jefferson Township.....	1						
Lafayette Township.....	1		300				
Parke County—							
Town of Rockville.....	3	1,300	2,250	3,100	3	1,300	200
Washington Township.....	1	200	1,000	2,000			
Sugar Creek Township.....	2			1,500	3		
Liberty Township.....	1	600		800			
Union Township.....	1						
Penn Township.....	1	300	500	1,200	2	600	50

TABLE No. XXX.—Continued.

COUNTIES, CITIES, TOWNS, AND TOWNSHIPS.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including taxes, insurance, repairs, etc.
<i>Perry County—</i>							
Town of Cannelton.....	4						
Town of Tell City.....	5	\$250					
Town of Troy.....	1	150	\$300	\$700	1	\$144	
Troy Township.....	1	500	1,000	1,500	1		
Tobin Township.....	3	1,200	1,000	5,000			\$200
Leopold Township.....	1	200	150	300			
<i>Pike County—</i>							
Jefferson Township.....	3	150	500	850	2	150	
Patoka Township.....	2	100					
Lockhart Township.....	5						
<i>Porter County—</i>							
Union Township.....	1	125	250		1		
Portage Township.....	2						
Westchester Township.....	3	500			3	500	
Pleasant Township.....	1						
Boone Township.....	1	900	300	1,400		500	
<i>Posey County—</i>							
Center Township.....	1	175	100	350			
<i>Pulaski County—</i>							
Town of Winamac.....	3	500			4	1,000	
White Post Township.....	2	200			2		
<i>Putnam County—</i>							
City of Greencastle.....	5	5,500	4,500	9,500	7	3,200	300
Town of Bainbridge.....	3	325	1,750	3,500	3	650	240
Jackson Township.....	1				1		
Cloverdale Township.....	2	100	500	1,000			
<i>Randolph County—</i>							
City of Union City.....	9	2,000	12,000	16,000	4	2,080	920
Town of Winchester.....	5	2,500	6,000	15,000	9	3,500	
Town of Ridgeville.....	2	500	300	800	1	350	50
Washington Township.....	2	200	1,000				
Greensfork Township.....	5	1,000	1,200	1,250	6	1,200	
Nettle Creek Township.....	2	300	1,000	2,000			
West River Township.....	2	475	450	650			
<i>Ripley County—</i>							
Brown Township.....	3	600	500	1,800	6	1,500	
Shelby Township.....	3	450					
Laughery Township.....	3	1,500	4,000	8,000	5	2,700	
Jackson Township.....	4	2,000	500	3,500	4	175	
<i>Rush County—</i>							
Town of Carthage.....	1	150	700	1,400	2	200	38
Ripley Township.....	1	200	120	250	1		
Posey Township.....	1	100	1,000	1,800	1	700	25
Walker Township.....	3	600	2,000	2,400			
Anderson Township.....	1	2,000	2,000	6,000	5	1,500	
Washington Township.....	2						
Richland Township.....	1	1,800	2,000	3,600	1		10
<i>Scott County—</i>							
Jennings Township.....	1	200		200			
Johnson Township.....	3	300					
Vienna Township.....	2						
<i>Shelby County—</i>							
Town of Fairland.....	1	200					
Van Buren Township.....	3				3		
<i>Spencer County—</i>							
Town of Rockport.....	8	1,200					
Huff Township.....	4						

TABLE No. XXX.—Continued.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Em- ployes.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Re- pairs, etc.
<i>Spencer County—Continued.</i>							
Harrison Township.....	4	\$100	\$2,777	\$4,000	5		
Carter Township.....	2	400					
Grass Township.....	2	300					
<i>Starke County—</i>							
Wayne Township.....	1	40	350	600			\$50
<i>Steuken County—</i>							
Town of Angola.....	3	5,000	3,000	6,000	2	\$2,000	
Fremont Township.....	3	1,000	1,000	2,000	6	600	80
York Township.....	1	300					
Steuken Township.....	1	300	1,000	2,000	2	600	
Otsego Township.....	1	677	680	1,475	1	336	350
<i>St. Joseph County—</i>							
Olive Township.....	2						
Liberty Township.....	1	1,200	400		1	312	25
<i>Sullivan County—</i>							
Hamilton Township.....	2	300	200	500	2	300	
<i>Switzerland County—</i>							
City of Vevay.....	2	6,000	500	4,000	5	1,800	200
Town of Patriot.....	3	150					
York Township.....	2	125	500	900	2	110	30
Cotton Township.....	3	465	375	750			
<i>Tippecanoe County—</i>							
Lauramie Township.....	2	500					
Randolph Township.....	1	100	200	600	1		
Wayne Township.....	2						
Sheffield Township.....	1	200	700	1,500	2	700	100
Tippecanoe Township.....	3	2,000	1,000	5,000	3	1,500	50
<i>Tipton County—</i>							
Town of Windfall.....	2	150	600		2		25
Madison Township.....	1	75	130	184			
<i>Union County—</i>							
Town of Liberty.....	5	12,000	15,000	20,000	8	2,900	1,250
<i>Vanderburgh County—</i>							
City of Evansville.....	25	41,500	44,220	79,165	36	6,550	2,236
Perry Township.....	1	100	1,000	1,000		200	
<i>Vermillion County—</i>							
Town of Clinton.....	2				3		
Highland Township.....	2	1,000	1,000	3,000	2		
Helt Township.....	1	150					
<i>Wabash County—</i>							
Liberty Township.....	1	300					
Pleasant Township.....	4	550	3,500	7,500	5	450	500
Waltz Township.....	1	4,000	4,000	4,800	5	1,000	300
<i>Warren County—</i>							
Pine Township.....	1	500	1,000	2,000	1	350	
Medina Township.....	2	230	600	1,000			
Green Hill Township.....	2						
<i>Warrick County—</i>							
Anderson Township.....	2						
Greer Township.....	2						
Hart Township.....	2	300	100	315			
Owen Township.....	1						
<i>Washington County—</i>							
Town of Salem.....	5						

TABLE No. XXX.—Continued.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No. Establishments.	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Em- ployes.	Annual Wages Paid, including Superintence.	Other Expenses, including Taxes, Insurance, Re- pairs, etc.
<i>Washington County—Continued.</i>							
Town of Hardinsburg.....	2	\$250	\$1,000	\$1,250			
Gibson Township.....	2	300	400	800	3	\$150	
Brown Township.....	1	200	800	1,200	4		
Franklin Township.....	1						
<i>Wayne County—</i>							
City of Richmond.....	3	5,600	12,500	20,000	14	7,000	\$560
Town of Boston.....	2						
Town of Centerville.....	1	1,000	10,000	15,000	10	2,500	25
Town of Dublin.....	3	200					
Town of Hagerstown.....	2						
Abington Township.....	1						
Boston Township.....	2						
Dalton Township.....	2	100	210	395	2	131	
Franklin Township.....	1						
Green Township.....	1	300	500	800	1	300	50
Perry Township.....	2	600			2		
<i>Wells County—</i>							
City of Bluffton.....	5						
Union Township.....	1	1,000	500		2	400	
Jefferson Township.....	2	600	350	1,000	3		
<i>White County—</i>							
Town of Monticello.....	2	450	1,800	2,500	4	1,700	445
Princeton Township.....	2						
Jackson Township.....	3	150					
<i>Whitley County—</i>							
Cleveland Township.....	1		800	1,792	1	392	50

NOTE.—Three hundred and fifty-four establishments giving full answers, show as follows: Capital invested, \$176,096; value of the material used, \$349,630; value of the manufactured product, \$708,264; number of employes, 480; annual wages paid, \$148,163; other expenses, \$41,419; an employe to every \$367 of capital employed with average wages at \$308.67. Representing the capital by \$100 the material would be \$198.54, the product \$402.20, the wages \$84.14, and the other expenses \$23.52.

Four hundred and fifty-three establishments, including those giving full answers, show as follows: Capital, \$197,066; material, \$392,407, and product \$791,938. Representing the capital by \$100 the material would be \$199.12, and the product \$401.89. The ratio of material to capital increased 29 per cent., and that of product to capital decreased .07 per cent. from those giving full answers.

Five hundred and forty-two establishments, including all those before mentioned, show as capital \$217,836, or an average of \$401.91 to each. The whole number of establishments reported is 970. The proportional number for the whole State is 1,183, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product as per those giving full answers, shows for the State as follows: Number of establishments, 1,183; Capital invested, \$475,460, value of material used, \$943,978; value of the manufactured product, \$1,912,300; number of employes, 1,622—the reported number being 1,330; annual wages paid, \$500,663, and other expenses \$111,822.

MANUFACTURERS—SAW MILLS.

TABLE No. XXXI.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Re-pairs, etc.
Adams.....	24	\$26,000	\$35,500	\$50,600	44	\$8,362	\$650
Allen.....	58	311,300	292,800	637,000	401	116,470	42,745
Bartholomew.....	27	31,900	62,400	24,000	67	12,250	1,800
Blackford.....	9	18,000	16,000	35,000	32	4,800	1,300
Boone.....	28	39,650	28,800	47,200	34	5,650	2,450
Brown.....	11	14,700	38,000	77,000	39	7,250	1,500
Carroll.....	21	34,100	17,900	38,700	27	9,200	1,400
Cass.....	22	39,500	33,200	58,400	59	15,200	1,750
Clay.....	24	24,440	15,325	40,000	52	15,393	750
Clark.....	16	12,500	8,000	24,072	34	3,229	340
Clinton.....	25	30,800	8,000	24,350	50	8,350	2,400
Crawford.....	19	15,300	11,600	9,800	22	2,350	650
Davies.....	7	19,000	.....	.....	9	3,000	.....
Dearborn.....	12	9,400	4,400	8,600	12	250	150
Decatur.....	14	22,200	11,000	22,000	14	6,000	2,200
DeKalb.....	30	41,000	8,238	22,738	38	5,700	1,275
Delaware.....	16	18,600	1,475	21,900	37	10,603	250
Dubois.....	12	6,200	2,500	5,000	1	200	50
Elkhart.....	23	38,800	22,500	49,400	41	10,670	1,775
Fayette.....	10	10,000	6,000	12,000	.....	.....	.....
Floyd.....	12	13,100	19,300	28,900	14	4,600	1,200
Fountain.....	17	17,600	25,900	113,600	26	4,790	.....
Franklin.....	20	26,800	3,500	10,500	10	2,000	890
Fulton.....	21	15,400	31,200	70,400	37	7,650	5,800
Gibson.....	7	1,500	.....	.....	.....	.....	.....
Grant.....	19	23,000	33,000	60,000	42	4,580	500
Greene.....	12	14,500	19,000	27,000	29	6,850	600
Hamilton.....	24	30,400	36,460	66,800	65	11,630	2,400
Hancock.....	13	12,800	7,000	16,000	35	3,620	650
Harrison.....	22	21,800	14,200	35,800	62	9,950	1,000
Hendricks.....	23	26,200	22,300	114,400	46	6,400	1,175
Henry.....	19	27,700	20,500	41,100	49	6,720	2,400
Howard.....	34	43,500	30,730	69,300	96	9,981	1,264
Jackson.....	16	10,100	8,600	15,600	19	6,310	.....
Jasper.....	.....	250	300	600	4	100	.....
Jay.....	20	43,300	32,400	98,600	55	5,784	140
Jefferson.....	17	22,600	31,100	69,400	22	8,900	1,200
Jennings.....	22	22,600	18,200	44,000	40	9,950	1,200
Johnson.....	13	31,700	13,500	41,500	30	7,285	1,750
Knox.....	9	.....	.....	.....	.....	.....	.....
Kosciusko.....	40	61,750	30,700	65,200	125	19,900	2,495
Lake.....	1	.....	.....	.....	.....	.....	.....
Lagrango.....	23	24,000	39,500	137,150	43	7,130	4,700
Laporte.....	12	27,500	10,000	23,000	34	1,300	600
Lawrence.....	20	23,600	28,100	48,460	82	7,600	735
Madison.....	28	24,300	17,950	47,950	51	11,029	1,660
Marion.....	17	24,500	7,250	15,500	10	1,500	300
Marshall.....	30	65,000	115,200	175,400	80	29,600	6,110
Martin.....	13	16,000	6,500	16,500	23	2,400	.....
Miami.....	27	49,200	105,000	231,300	60	21,400	7,200
Monroe.....	16	53,500	159,700	25,000	57	11,730	4,350
Montgomery.....	19	27,200	42,500	68,635	54	8,550	1,150
Morgan.....	23	25,100	66,400	76,500	12	2,500	700
Newton.....	4	4,000	2,000	4,400	15	1,100	175
Noble.....	24	31,100	32,800	63,750	45	13,233	3,413
Ohio.....	6	5,000	5,000	10,000	3	1,200	.....
Orange.....	16	10,000	5,050	18,600	24	1,550	5,850
Owen.....	13	15,900	99,100	148,000	27	7,315	260

TABLE No. XXXI.—Continued.

COUNTIES.	No. Establish'm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Re-pairs, etc.
Parke.....	20	\$29,900	\$25,500	\$50,090	79	\$20,800	\$4,700
Perry.....	16	20,200	22,000	43,000	24	7,500	5,000
Pike.....	5	4,000	250	1,500	3	300	.....
Porter.....	7	6,000	1,800	2,900	4	.....	175
Posey.....	3	2,450	.....	2,000	3	500	.....
Pulaski.....	5	5,800	5,000	10,000	12	2,300	.....
Putnam.....	15	32,000	40,700	90,300	82	27,850	2,350
Randolph.....	32	40,550	21,250	53,000	157	8,740	2,550
Ripley.....	33	29,300	36,300	18,250	71	6,200	350
Rush.....	19	18,500	62,800	88,900	34	11,800	1,400
Scott.....	14	5,800	2,000	12,000	18	4,000	.....
Shelby.....	22	20,700	37,000	50,500	43	8,300	700
Spencer.....	10	5,340	200	800	4	.....	.....
Starke.....	4	800	300	1,000	.....	.....	.....
Steuben.....	22	33,900	4,900	23,275	28	4,070	450
St. Joseph.....	33	32,500	39,680	55,600	28	13,842	500
Sullivan.....	13	11,100	5,908	29,360	24	4,660	500
Switzerland.....	13	9,800	48,400	49,000	27	2,900	1,200
Tippecanoe.....	6	4,000	5,000	7,000	7	500	50
Tipton.....	12	17,400	11,800	25,000	47	10,880	1,200
Union.....	6	9,400	4,300	2,500	13	2,450	1,100
Vanderburgh.....	7	446,400	229,500	507,180	185	80,840	21,900
Vermillion.....	7	22,000	6,600	29,000	16	5,686	650
Vigo.....	11	8,000	2,300	6,000	13	1,650	600
Wabash.....	30	31,800	16,400	38,850	49	8,375	2,500
Warren.....	4	5,000	2,500	5,000	3	1,500	300
Warrick.....	4	8,000	200	1,200	4	500	.....
Washington.....	18	21,000	13,600	23,000	34	4,800	875
Wayne.....	32	30,400	39,000	82,800	46	10,250	3,850
Wells.....	23	28,700	63,000	82,500	87	5,200	1,100
White.....	5	2,900	2,100	1,250	4	487	25
Whitley.....	25	31,000	122,600	688,000	56	17,782	4,075

NOTE.—Four hundred and twenty-four mills, giving full answers, show \$1,465,640 capital invested in mills, value of the raw material used annually \$1,638,300, and value of the product \$3,430,085. There were employed by these mills 2,146 persons; the aggregate wages paid them for the year was \$572,073. The other expenses of the business were \$106,442. Representing the capital by \$100, the value of the raw material used was \$112, and the value of the manufactured product \$235, the wages paid was \$32, and the other expenses were \$11.

Four hundred and ninety-one mills, including those before noted, show \$1,571,480 capital invested, \$1,743,408 value of the raw material, and \$3,730,764 value of the manufactured product. Representing the capital by \$100, the raw material was \$111, and the product \$237, varying but a trifle from those giving full answers.

Seven hundred and twenty mills, including those before mentioned, show \$1,879,330 capital invested, or \$2,610 to each. The whole number reported was 1,587. The proportional number for the State is 1,939, which, being multiplied by the average capital, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the whole State as follows: Capital, \$5,060,350; value of the raw material used, \$5,668,084; value of product (lumber), \$11,892,856; number of employes, 4,584; wages paid, \$1,629,574; other expenses of the business, \$556,687.

The sawing capacity of the estimated number of mills at 5,000 feet per mill per day, for 150 days per year, is 1,451,250,000 feet. The Agricultural Bureau at Washington, in 1876, estimated that there was 30.5 per cent. of the State still in timber. Allowing that we still have 35 per cent., or 7,837,263 acres of timber, and that, of oak, poplar, walnut, ash, good beech, sugar, hickory and other similar trees now being extensively used, there are ten trees per acre that will average 2,000 feet of lumber per tree, there still exists in the tree 156,751,260,000 feet, which will require the present mills, at the rate before given, 108 years to saw. But as a healthy oak of three feet diameter will double its lumber volume in 96 years, and smaller trees proportionately sooner, the mills would have something of the difficulty of the hind wheel of the wagon overtaking the forward one. But however distant these figures may seem to put the timber famine, the rapidity with which a much less population has consumed and destroyed the other sixty-five per cent. of the timber once existing in the State warns us not to wantonly waste what we have left.

MANUFACTURERS—WAGON FACTORIES.

TABLE NO. XXXII.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Adams.....	2	\$300		\$1,200			
Allen.....	11	14,600	\$13,900	38,000	29	\$12,200	\$1,700
Bartholomew.....	7	1,950	1,600	3,550	10	3,200	210
Benton.....	3	600	2,000	2,000		200	
Boone.....	8	7,100	4,100	10,300	13	3,400	550
Blackford.....	1	1,000					
Brown.....	1	100		500	1	115	
Carroll.....	2			200	950	75	
Cass.....	4	6,200	2,400	8,400	7	3,180	500
Clark.....	5	550	350	975	2	375	
Clay.....	5	3,800	850	300	2	900	
Crawford.....	1						
Dearborn.....	4	1,600	4,500	6,600	2	100	
Decatur.....	6	970	790	2,250	2	800	50
DeKalb.....	3	550	2,500	4,000	3	1,000	150
Delaware.....	6	6,500		20,000	11	4,576	
Dubois.....	8	4,061	2,040	4,400	4	1,000	400
Elkhart.....	2	3,150	6,350	9,754	9	2,075	265
Fayette.....	3	500					
Floyd.....	9	6,400	6,400	21,600	20	9,000	1,280
Fountain.....	5	8,500					
Franklin.....	8	1,450	1,600	3,500	3	200	
Fulton.....	1						
Gibson.....	2						
Grant.....	5						
Greene.....	1	100	80	280	1	60	
Hamilton.....	4	15,250	18,350	33,700	21	7,000	1,025
Harrison.....	9	1,850	1,650	8,800	8	1,450	50
Hancock.....	3	1,600	700	1,500	4	1,200	
Hendricks.....	6	1,850	925	1,400			20
Henry.....	3	600	75	300	2	180	
Howard.....	2	300	200	500	1		10
Huntington.....	1	1,100	2,500	4,500			
Jackson.....	3						
Jasper.....	3	450	700	2,420		1,500	75
Jay.....	2						
Jefferson.....	8	22,000	10,200	20,600	26	5,000	2,500
Jennings.....	3	1,900	900	1,800	9	1,000	
Johnson.....	6	4,300	3,900	11,500	9	2,000	400
Knox.....	4						
Kosciusko.....	2	53,900	16,125	29,900	39	7,100	400
Lagrange.....	9						
Lake.....	6	1,600	1,650	4,000	5	1,250	225
Laporte.....	4	2,800	900	1,400			
Lawrence.....	2						
Madison.....	8	16,750	24,800	45,800	22	13,830	1,100
Marion.....	6	51,200	10,000	31,600	38	9,200	2,000
Marshall.....	3	2,400	7,000	12,000	2	1,000	500
Martin.....	4	700		700			
Miami.....	1	20,000	15,000	35,000	22	9,000	2,500
Monroe.....	7	1,200					
Montgomery.....	3	6,000	3,600	6,500	7	3,200	1,000
Morgan.....	1						
Newton.....	2	1,200	2,000	5,700	5	2,000	3,000
Noble.....	4	1,800	750	2,000	6	1,125	50
Ohio.....	7	600					
Orange.....	2						
Owen.....	6	1,300	600	8,260	7		

TABLE No. XXXII.—Continued.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Parke.....	1						
Perry.....	5	\$7,700	\$3,250	\$16,000	22	\$6,500	
Pike.....	4						
Porter.....	4	1,200	600	1,200	3	900	\$50
Posey.....	3	435	850	1,600			
Pulaski.....	3	3,200	2,000	15,000	7	2,500	
Putnam.....	4	1,000	2,200	3,700	2		50
Randolph.....	1	350	30	200			
Ripley.....	10	1,700	1,800	2,300	5		
Rush.....	6	1,225	1,650	2,800	1		
Scott.....	1	200	200	500		125	2,000
Shelby.....	6	2,000	1,000	4,500	5	600	
Spencer.....	14	5,650	800	1,400	9		
Steuben.....	5	3,000	1,500	3,200	7	1,100	110
St. Joseph.....	2						
Sullivan.....	3	1,450	1,825	2,523	2	600	
Switzerland.....	7	700	2,300	20,300	5	1,500	100
Tippecanoe.....	2	600					
Union.....	2	150	250	1,000	2	600	75
Vanderburgh.....	11	29,525	16,182	37,113	26	11,493	2,322
Yermillion.....	2	1,000	1,000	5,000	2	1,000	200
Wabash.....	3	1,300	1,650	3,400	6	1,250	115
Warren.....	2	1,000	4,000	6,000	3	100	100
Warrick.....	5	1,100	1,200	1,000	2		
Washington.....	9	2,275	3,050	6,100	7	1,300	125
Wayne.....	15	6,300	6,960	22,635	22	7,450	1,555
Wells.....	4						
White.....	5	800					
Whitley.....	2	200	700	1,800	2	556	

NOTE.—One hundred and three establishments giving full answers show as follows: Capital, \$255,976; value of raw material used, \$276,732; value of manufactured product, \$431,813; number of employees, 329; wages paid for the year, \$124,108; other expenses, \$22,972. An employe to every \$778.04 of capital, with average yearly wages of \$377.23. Representing the capital by \$100, the material would be \$108, the product \$168.69, the wages \$48.50, and the other expenses \$8.98.

One hundred and sixty-five establishments, including those before shown, give as capital, \$278,390; raw material, \$297,992; and product, \$476,361. Representing the capital by \$100, the material would be \$107.04, and the product \$171.11, the ratio of material to capital decreasing nearly 1 per cent., while that of product to capital increased $1\frac{1}{2}$ per cent. (nearly) from those giving full answers.

Two hundred and seven establishments, including all those before mentioned, show as capital \$303,940, being an average of \$1,468.31. Whole number of establishments reported is 302; proportional number in the State is 363, which, multiplied by the average capital to each, and the other elements of the business adjusted on this, as per those giving full answers, shows for the whole State as follows: Number of establishments, 368; capital, \$719,472; raw material, \$777,742; product, \$1,213,749; number of employees, 644 (the whole number reported being 528); wages paid, \$242,936; other expenses, \$64,752.

MANUFACTURERS—BLACKSMITHS' FORGES.

TABLE No. XXXIII.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendent's.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	14	\$665	\$500	\$1,200	1		\$50
Allen.....	40	9,800	11,550	25,250	36	\$10,130	1,120
Bartholomew.....	28	5,150	4,600	13,450	17	5,150	680
Benton.....	12	4,500	8,900		4	1,320	
Blackford.....	8	4,000					
Boone.....	44	8,550	8,750	20,600	33	8,100	750
Brown.....	14	1,800	1,000	2,500	11	1,250	
Carroll.....	17	3,250	3,400	6,300	9	1,200	250
Cass.....	61	2,050	2,700	2,000	3		
Clark.....	54	7,550	7,850	11,100	29	4,700	750
Clay.....	33	8,600	9,900	19,800	31	2,100	50
Clinton.....	23	10,450	3,700	10,800	20	5,000	1,325
Crawford.....	18	1,450	2,400	600	6	450	600
Davies.....	9	2,800	7,600	17,500	16	4,100	600
Dearborn.....	7	400					
Decatur.....	28	3,700	6,000	7,500	8	300	2,500
DeKalb.....	23	850	600	1,400	2		
Delaware.....	20	6,650	2,450	15,500	14	3,020	170
Dubois.....	18	6,030	6,800	19,500			500
Elkhart.....	18	5,400	6,150	11,673	7	2,030	140
Fayette.....	19	600	1,900	1,000	4	100	
Floyd.....	25	13,650	17,200	34,700	23	7,000	2,350
Fountain.....	43	4,250	3,875	6,800	11	2,430	7
Franklin.....	36	12,400	10,600	3,900	8	400	
Fulton.....	14	1,400	1,000	2,000	7	550	400
Gibson.....	14	172	400	550	3	500	100
Grant.....	21	1,150	1,150	2,700	7	150	100
Greene.....	24	4,300	5,400	10,860	19	2,940	300
Harrison.....	46	8,200	9,800	18,750	43	6,900	400
Hamilton.....	39	5,036	7,250	17,000	21	7,050	755
Hancock.....	29	2,250	4,570	7,320	20	3,900	300
Headricks.....	32	6,600	10,300	24,005	16	5,696	748
Henry.....	55	14,875	8,875	16,475	27	4,922	7,375
Howard.....	24	2,625	700	1,600	13	800	200
Huntington.....	12	200	160				
Jackson.....	28	20,280	61,150	80,025	48	11,253	452
Jasper.....	14	4,400	7,775	6,500	10	2,700	200
Jay.....	32	8,650	11,250	23,260	26	5,950	
Jefferson.....	38	5,225	11,100	26,200	19	2,300	1,200
Jennings.....	15	2,225	2,360	5,580	7	300	450
Johnson.....	26	5,450	8,000	16,700	22	1,650	160
Knox.....	18	1,000					
Kosciusko.....	24	8,200	1,900	11,000	6	600	50
Lagrange.....	21	1,500	1,000	8,200			
Lake.....	10	1,350	650	2,600	9	900	175
Laporte.....	28	4,250	600	2,500	5	900	
Lawrence.....	32	2,975	650	975	16		
Madison.....	31	8,670	6,897	19,350	22	4,524	985
Marion.....	106	25,210	52,391	147,900	72	25,475	6,945
Marshall.....	12	3,100	5,000	7,600	4	1,000	10
Martin.....	14	1,400	2,200	5,400	10	1,500	500
Miami.....	30	9,100	11,100	14,300	37	6,700	
Monroe.....	21	2,950	3,000	3,500	6	300	
Montgomery.....	36	14,700	7,820	31,200	23	5,400	2,250
Morgan.....	17	3,600	3,200	8,200	12	750	150
Newton.....	12	7,650	18,000		8	6,090	
Noble.....	44	9,290	13,980	38,400	40	12,096	1,425
Ohio.....	9	4,400			4	1,200	

TABLE No. XXXIII.—Continued.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includ'g Taxes, Insurance, Repairs, etc.
Orange.....	18	\$3,050	\$5,800	\$15,400	15	\$4,350	.....
Owen.....	34	4,620	.....	.....	.....	.....	.....
Parke.....	34	4,125	5,000	14,100	13	4,450	\$1,050
Perry.....	41	12,450	5,925	9,800	5	4,000	1,550
Pike.....	21	2,000	1,550	3,900	7	1,060	.....
Porter.....	17	4,900	4,500	7,600	13	3,700	100
Pulaski.....	6	1,800	800	.....	6	1,000	.....
Putnam.....	23	19,100	13,050	32,100	24	8,600	395
Randolph.....	44	9,700	9,505	10,580	31	5,800	820
Ripley.....	36	6,000	4,900	12,000	28	5,950	.....
Rush.....	24	8,250	6,575	15,575	.....	.....	.....
Scott.....	8	.....	.....	.....	.....	.....	.....
Shelby.....	40	4,650	6,300	12,000	25	6,700	50
Spencer.....	41	3,320	3,000	7,000	14	140	45
Starke.....	4	150	600	1,400	.....	.....	.....
St. Joseph.....	15	650	600	1,000	4	426	.....
Steuben.....	27	4,475	5,510	17,000	18	6,850	62
Sullivan.....	27	3,500	(?)10,000	715	3	.....	.....
Switzerland.....	16	1,425	950	2,200	3	420	40
Tippecanoe.....	21	6,800	4,600	10,300	12	4,000	200
Tipton.....	8	1,400	2,444	3,859	5	1,000	500
Union.....	S	2,700	3,100	9,000	10	2,600	350
Vanderburgh.....	28	10,800	15,600	34,545	26	8,784	2,730
Vermillion.....	20	2,300	1,800	6,000	15	2,000	50
Vigo.....	8	.....	.....	.....	.....	.....	.....
Wabash.....	29	8,850	12,250	30,200	22	6,300	1,350
Warren.....	11	2,900	2,600	4,300	8	910	210
Warrick.....	23	4,500	3,000	5,640	8	600	.....
Washington.....	32	3,500	7,675	14,600	29	2,000	400
Wayne.....	63	8,157	15,180	40,965	64	16,980	3,550
Wells.....	12	3,000	1,500	1,500	6	900	.....
White.....	23	1,925	4,300	4,300	11	1,700	750
Whitley.....	7	.....	.....	.....	.....	.....	.....

NOTE.—Four hundred and sixty-eight establishments giving full answers show as follows: Capital, \$163,187; value of raw material used, \$218,547; value of manufactured product, \$598,388; number of employees, 412; wages paid, \$164,556; other expenses, \$40,594. An employe to every \$396.08 of capital, with average wages per year of \$399.41. Representing the capital by \$100, the material would be \$133.86, the product \$366.70, wages \$100.83, and other expenses \$25.

One thousand, four hundred and two establishments, including those giving full answers, show as capital, \$143,447; raw material, \$661,239; and product, \$1,420,888. Representing the capital by \$100, the material would be \$149.11, and the product \$320.42. The ratio of material to capital increased nearly 11½ per cent., while that of product to capital decreased 12½ per cent. from that of those giving full answers. This is unusual and unexpected, and hints, without calling names, that there have been some careless and grossly untruthful returns.

Eighteen hundred and fourteen establishments, including all those before mentioned, show as capital \$543,197, or an average of \$299.45 to each. The whole number of establishments reported is 2,235. The number estimated to be in the State is 2,726. This, multiplied by the average capital to each, and the other elements of the business adjusted on this, as per those giving full answers, shows as follows: Estimated number of establishments, 2,726; estimated capital, \$1,088,792; estimated value of raw material, \$1,457,457; estimated value of product, \$3,992,600; estimated number of employes, 1,716 (the reported number being 1,407); estimated wages paid, \$685,388; estimated other expenses, \$272,198.

MANUFACTURERS—FLOURING MILLS.

TABLE No. XXXIV.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	5	\$31,000	\$15,000	\$7,300	5	\$6,260	\$840
Allen.....	20	255,200	488,880	601,000	60	31,532	20,725
Bartholomew.....	3	43,200	8,000	98,000	21	6,600	790
Benton.....	3	9,000	.....	2,000	3	900	200
Blackford.....	4	19,000	.....	2,000	7	3,100	200
Boone.....	13	55,360	103,518	139,648	22	7,650	2,150
Brown.....	2	1,000	1,000	1,800	2	200	.....
Carroll.....	9	50,000	55,000	63,000	13	2,200	.....
Cass.....	14	105,600	323,600	360,700	31	12,674	5,976
Cass.....	10	79,000	276,630	340,900	28	9,890	2,200
Clark.....	10	65,500	91,500	117,500	32	15,400	2,850
Clay.....	8	28,500	72,500	115,000	13	7,000	6,100
Clinton.....	4	19,000	28,200	28,500	2	350	600
Crawford.....	6	56,000	.....	.....	17	7,000	100
Daviess.....	11	24,300	2,300	25,300	19	1,700	400
Dearborn.....	9	13,000	107,600	159,600	12	6,100	1,100
Decatur.....	9	25,000	47,300	53,212	7	2,524	2,216
DeKalb.....	12	77,000	60,500	283,300	31	10,582	2,430
Delaware.....	12	12,250	42,200	30,000	11	1,600	1,100
Dubois.....	7	96,000	13,780	15,450	14	6,450	5,500
Elkhart.....	6	78,000	207,000	235,000	12	7,500	7,000
Fayette.....	8	123,000	312,700	437,400	36	17,800	30,300
Floyd.....	16	49,100	67,000	60,600	14	2,860	450
Fountain.....	10	65,500	3,900	5,000	7	3,700	1,780
Franklin.....	4	19,200	50,400	33,900	9	2,040	1,150
Fulton.....	14	136,500	158,790	262,000	23	10,576	9,450
Gibson.....	7	.....	7,200	10,000	2	.....	.....
Grant.....	14	48,800	83,550	134,275	21	6,450	480
Greene.....	16	80,600	242,810	327,605	36	12,950	9,270
Hamilton.....	4	12,000	9,000	25,000	9	2,700	1,600
Hancock.....	14	44,200	55,400	60,000	23	6,600	1,600
Harrison.....	17	35,100	66,200	103,000	21	5,484	1,250
Hendricks.....	14	58,100	171,000	215,100	17	4,600	4,650
Henry.....	12	37,000	29,760	37,416	16	1,400	200
Howard.....	5	14,000	.....	.....	2	600	700
Huntington.....	7	18,500	98,000	113,000	16	6,050	1,225
Jackson.....	1	1,000	500	1,000	2	200	.....
Jasper.....	6	32,800	9,600	75,800	12	2,450	40
Jay.....	12	36,200	78,500	88,000	14	4,600	2,920
Jefferson.....	9	23,300	41,000	53,750	15	3,050	1,550
Jennings.....	12	120,100	168,130	234,800	15	5,950	35,350
Johnson.....	17	15,000	120,000	32,000	38	9,000	4,000
Knox.....	10	68,500	79,800	95,600	14	4,850	3,015
Kosciusko.....	9	33,000	35,000	69,000	7	3,200	1,350
Lagrange.....	1	.....	.....	.....	.....	.....	.....
Lake.....	7	38,000	16,500	5,000	2	1,200	350
Laporte.....	17	34,000	28,450	25,700	27	2,900	361
Lawrence.....	14	52,300	257,735	298,065	23	10,173	7,830
Madison.....	20	337,000	949,500	1,127,800	82	45,300	28,950
Marion.....	6	47,000	74,000	99,500	11	6,600	6,700
Marshall.....	8	28,000	102,100	129,500	18	1,200	1,000
Martin.....	15	105,200	142,500	168,000	21	5,675	4,560
Miami.....	15	13,000	8,600	9,300	5	1,675	150
Monroe.....	15	57,500	59,527	69,623	16	4,005	.....
Montgomery.....	6	57,500	27,000	36,000	7	2,454	200
Morgan.....	2	12,000	16,000	16,000	3	1,440	1,400
Newton.....	10	74,500	139,320	138,891	18	7,120	9,779
Noble.....	2	60,000	85,000	125,000	10	4,000	.....
Ohio.....	7	16,800	12,300	47,150	6	1,600	650
Orange.....	2	.....	.....	.....	.....	.....	.....

TABLE No. XXXIV.—Continued.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Em- ployes.	Annual Wages Paid, including Superintence.	Other Expenses, including Char- ity, Insurance, Re- pairs, etc.
Owen.....	10	\$24,700	\$8,540	\$20,100	12	\$3,396	\$150
Parke.....	14	63,000	21,000	39,000	8	3,600	2,900
Perry.....	9	34,000	20,000	32,000	4	1,600	700
Pike.....	2	5,000	1,000	10,000	3	750	.....
Porter.....	9	37,500	36,000	36,000	8	4,060	750
Posey.....	4	8,000	12,000	54,000	6	1,625	800
Pulaski.....	6	52,000	20,000	10,700	15	5,680	400
Putnam.....	15	49,920	92,400	119,250	31	9,298	3,300
Randolph.....	13	89,800	43,100	69,500	18	3,750	1,400
Ripley.....	14	67,250	86,500	98,800	20	5,650	1,700
Rush.....	13	45,600	69,000	114,012	24	8,100	1,000
Scott.....	3	.....	.....	.....	.....	.....	.....
Shelby.....	12	23,000	35,000	13,000	11	2,300	250
Spencer.....	10	69,550	950	2,600	9	.....	100
Starke.....	2	2,300	20,000	2,400	3	1,300	500
St. Joseph.....	3	15,500	.....	.....	2	700	600
Steuben.....	10	64,500	94,000	136,200	20	7,378	2,500
Sullivan.....	11	46,000	103,000	173,500	13	4,744	750
Switzerland.....	6	3,200	3,000	7,700	6	1,460	550
Tiptecanoe.....	5	39,000	120,000	133,000	9	6,700	1,700
Tipton.....	3	9,500	11,800	19,690	6	2,380	1,300
Union.....	4	14,000	22,000	27,500	5	2,200	550
Vanderburgh.....	8	237,220	630,235	775,660	65	33,940	24,600
Vermillion.....	5	35,000	55,000	75,000	6	4,000	1,500
Vigo.....	5	.....	.....	.....	.....	.....	.....
Wabash.....	16	87,700	87,600	85,550	17	6,600	3,100
Warren.....	3	12,000	6,000	13,000	3	1,440	750
Warrick.....	5	4,000	400	4,452	.....	.....	.....
Washington.....	17	45,800	56,800	73,000	21	4,300	1,050
Wayne.....	29	263,700	656,500	754,050	59	26,693	11,685
Wells.....	5	11,000	18,000	32,000	3	1,000	100
White.....	3	41,500	125,000	135,000	10	5,160	1,500
Whitley.....	4	50,000	50,000	75,000	9	6,000	2,400

NOTE.—Two hundred and sixty-five establishments, giving full answers, show as follows: Capital, \$2,638,920; value of raw material used, \$6,759,330; value of manufactured product, \$8,497,179; number of employes, 890; wages paid during the year, \$440,647; other expenses, \$270,237; an employe to every \$2,965.08 of capital, with average wages at \$495.11 per year. Representing the capital by \$100, the material would be \$259.75, the manufactured product \$323.20, wages \$16.80, and other expenses \$10.28.

Three hundred and seventy-seven establishments, including those giving full answers, show as capital \$3,128,170, raw material, \$7,204,535, manufactured product \$9,416,928. Representing the capital by \$100, the raw material would be \$230.59, and the product \$301.23; the ratio of material to capital decreasing over 11 per cent., and that of material to product decreasing nearly 7 per cent. from those giving full answers.

Five hundred and fifty-seven establishments, including all those before shown, give as capital \$4,708,238, being an average of \$8,452.85 to each. The whole number of establishments returned is 807. The proportional number for the State is 984, which, multiplied by the average capital to each, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the whole State as follows: Number of establishments, 984; capital, \$8,317,604; value of raw material used, \$21,625,770; value of manufactured product, \$26,882,491; number of employes, 1,740; wages paid, \$861,491, and other expenses, \$855,050.

In comparing the returns to this Bureau, and the estimates for the State, with the showing in the census reports for 1870, we find a remarkable agreement and disagreement in the ratio of the several elements of the business to the capital invested, and the per cent. of increase from 1870 to 1879 of the same elements of the business.

In 1870 the census showed for Indiana 611 flouring mills, 2,301 employes, capital \$6,711,239, raw material \$17,230,717, manufactured product \$21,390,182, wages paid \$735,183. Representing the capital by \$100, the material would be \$256.74, the product \$318.72, and the wages \$10.95. The ratio of material to capital appears to have increased 1.16 per cent. since 1870, that of product 1.40 per cent., and that of wages paid 63 per cent. There was an employe in 1870 to every \$2,916.66 of capital, with average yearly wages of \$319.51.

The number of establishments increased from 1870 to 1879, assuming the estimates of this Bureau to be approximately correct, 61 per cent.; the capital 21 per cent.; the raw material 25 per cent. (nearly); the manufactured product 21 per cent.; the number of employes decreased 24.40 per cent.; the wages paid increased 9 per cent., and average wages to each employe increased 55 per cent.

It is not reasonable to suppose that while the number of establishments increased 61 per cent., the employes decreased 24 per cent. It is hard to believe that the plain question asked in the forms by this Bureau, "No. of employes" was misunderstood. "Capital invested," "Value of raw material used," and "Value of manufactured product" were much more likely to be misunderstood, and more difficult to answer correctly, yet, strangely enough, all these elements show about the same per cent. of increase.

MANUFACTURERS—STAVE FACTORIES.

TABLE No. XXXV.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	5	\$200	\$1,200	\$1,800	.....	\$300	.....
Allen.....	2	72,000	162,000	116,000	182	47,400	\$10,000
Blackford.....	2	2,000	.....	5,000	2	1,000	.....
Boone.....	2	54,000	99,440	213,340	70	19,795	.....
Brown.....	2	1,600	20,000	60,000	25	7,000	3,275
Cass.....	1	20,000	14,000	33,000	30	14,040	3,000
Clark.....	1	600	3,000	5,000	5	.....	250
Clay.....	2	4,500	10,000	20,000	10	1,000	.....
Clinton.....	3	45,500	68,000	91,600	26	10,140	4,100
Decatur.....	1	.....	12,000	22,000	23	.....	50
DeKalb.....	4	2,800	3,300	6,300	3	2,850	350
Elkhart.....	2	6,500	16,000	26,000	12	4,400	800
Floyd.....	4	42,000	41,000	50,000	26	3,000	.....
Fountain.....	2	2,000	.....	.....	.....	.....	.....
Franklin.....	1	.....	.....	.....	.....	.....	.....
Fulton.....	1	.....	.....	.....	.....	.....	.....
Grant.....	1	.....	.....	.....	.....	.....	.....
Greene.....	1	22,000	20,000	32,000	6	27,000	.....
Hamilton.....	7	9,800	13,500	98,400	28	7,350	715
Hancock.....	1	.....	.....	.....	10	500	.....
Harrison.....	4	7,000	3,500	3,000	10	.....	525
Hendricks.....	2	15,000	40,000	50,000	24	8,000	50
Henry.....	1	1,000	1,500	.....	3	.....	.....
Howard.....	2	4,000	23,000	40,000	10	2,800	.....
Huntington.....	1	.....	.....	.....	.....	.....	.....
Jackson.....	3	35,500	23,000	45,000	36	21,000	400
Jay.....	2	7,800	25,000	66,000	25	5,600	.....
Knox.....	4	.....	.....	.....	.....	.....	.....
Kosciusko.....	1	4,500	.....	.....	5	.....	.....
Lawrence.....	1	4,600	.....	.....	10	3,000	.....
Madison.....	2	85,000	172,000	244,000	130	34,960	1,337
Marshall.....	1	5,000	8,000	10,000	9	2,700	.....
Martin.....	6	8,500	101,000	154,000	63	14,000	2,000
Miami.....	3	1,200	.....	.....	.....	.....	.....
Monroe.....	6	5,800	28,000	70,000	100	24,000	.....
Montgomery.....	2	2,500	.....	.....	.....	.....	.....
Noble.....	1	100	.....	300	.....	.....	.....
Ohio.....	1	.....	.....	.....	.....	.....	.....
Owen.....	3	11,000	6,500	39,970	41	22,900	150
Parke.....	1	1,000	.....	.....	.....	.....	.....
Perry.....	1	.....	.....	.....	.....	.....	.....
Pike.....	1	.....	.....	.....	.....	.....	.....
Putnam.....	2	3,500	750	4,500	5	1,200	150
Randolph.....	1	3,500	10,500	15,200	25	6,000	.....
Ripley.....	1	.....	.....	.....	.....	.....	.....
Scott.....	3	5,000	6,000	7,000	.....	.....	500
Steuben.....	4	24,000	40,000	66,000	70	39,000	2,000
Vanderburgh.....	2	11,200	5,500	16,955	35	7,400	710
Wabash.....	1	3,000	.....	.....	.....	.....	.....
Wells.....	3	14,000	50,000	91,000	48	3,000	1,000
Whitley.....	1	600	300	3,800	7	400	.....

NOTE.—Thirty-eight establishments giving full answers show as follows: Capital, \$339,900; value of raw material used, \$892,490; value of manufactured product, \$1,438,795; number of employes, 847; wages paid, \$212,105; other expenses, \$36,897; an employe to every \$401.30 of capital, with an average

age wages of \$250.42. Representing the capital by \$100, the raw material would be \$262, the manufactured product \$420, the wages \$62.11, and the other expenses \$10.86.

Fifty-three establishments, including those before mentioned, show as follows: Capital, \$428,300; raw material, \$1,060,990, and product \$1,710,395. Representing the capital by \$100, the raw material would be \$247.72, and the product \$399.35, the ratios of material and product to capital decreasing about 5 per cent. from those giving full answers.

Sixty-nine establishments, including all those before shown, give an aggregate capital of \$454,000, or \$6,579 to each. The whole number reported is 134; the proportional number for the State is 163, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this as per those giving full answers, shows for the whole State as follows: Number of establishments, 163; capital, \$1,079,120; raw material used, \$2,827,294; product, \$4,532,304; number of employes, 1,522—whole number reported being 1,249; wages, \$381,139, and other expenses \$55,345.

MANUFACTURERS—BREWERIES.

TABLE No. XXXVI.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	1	\$1,000					
Allen.....	6	102,000	\$51,380	\$118,700	46	\$19,100	\$15,600
Cass.....	1	40,000	8,000	20,000	6	3,500	4,000
Clay.....	1	3,000					
Clark.....	1	3,000	500	1,600	1	300	50
Dearborn.....	1	3,000	2,000	6,000	2	600	200
Dubois.....	3						
Fayette.....	1	3,000					
Floyd.....	3	70,000	27,000	84,000	18	15,000	23,000
Franklin.....	3	3,000	300				
Jackson.....	3	2,500	2,200	6,800	5	1,500	200
Jefferson.....	2						
Knox.....	2	60,000	25,000	10,000	14	7,000	8,000
Lake.....	1	3,000					
Lawrence.....	1						
Marion.....	5	335,000	188,700	395,700	77	71,000	82,650
Miami.....	1	80,000			25		
Noble.....	2	14,000	4,250	8,000	4	1,368	1,500
Perry.....	4	12,500	4,600	14,200	8	3,240	3,000
Ripley.....	3	6,000	1,400	6,000	3	850	
Rush.....	1	10,000	200	300	1		10
Stauben.....	1	300	2,000	600	1	400	100
Vanderburgh.....	3	137,000	106,850	228,520	65	37,815	12,450
Warrick.....	2	11,000	2,000	4,000	5	300	
Wayne.....	2	19,000	2,200	8,500	6	1,500	100

NOTE.—Twenty-five establishments, giving full answers, show as follows: Capital invested, \$716,800; value of the material used, \$393,480; value of the manufactured product, \$708,420; number of employes, 232; annual wages paid, \$146,083; other expenses, \$128,750; an employe to every \$306.97 of capital, with average wages at \$629.67. Representing the capital by \$100, the material would be \$55.03, the product \$98.83, the wages \$20.38 and the other expenses \$17.96.

Thirty establishments, including those giving full answers, show as follows: Capital, \$745,300; material, \$399,280; and product, \$723,950. Representing the capital by \$100, the material would be \$53.57 and the product \$97.14. The ratio of material to capital decreased 2.65 per cent., and that of product to capital decreased 1.71 per cent. from those giving full answers.

Thirty-seven establishments, including all those before mentioned, show as capital \$849,300, being an average of \$22,793 to each. The whole number reported is 52. The proportional number for the State is 63, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product as per those giving full answers, shows for the whole State as follows: Number of establishments, 63; capital invested, \$1,437,896; value of material used, \$791,274; value of manufactured products, \$1,421,073; number of employes, 336; annual wages paid, \$211,567; other expenses, \$258,821.

STONE QUARRIES IN OPERATION.

TABLE No. XXXVII.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams	5	\$500	\$1,600	\$2,500	15	\$900	
Bartholomew	2	25	180		5	150	
Blackford	3						
Cass	2			2,780	2		
Clark	1	100	300	600	12		
Clay	2	2,000	50	1,600	5	800	\$10
Dearborn	2						
Decatur	4	50,000	8,000	40,000	34	9,000	200
Delaware	6	1,000	5,000		8	2,000	30
Dubois	3						
Fayette	3	100					
Floyd	7	2,520	200	12,500	11	4,300	4,600
Fountain	3	10,550					
Franklin	14	10,500		3,000	83	12,400	5,000
Harrison	2	2,015	1,045	2,000	3	600	100
Howard	1						
Huntington	4						
Jasper	1			2,000	2	300	
Jefferson	2	7,000	1,500	30,000	110	4,000	2,500
Jennings	1	1,500		3,000	6	750	
Lawrence	4	37,100	200	73,100	81	18,400	20,000
Madison	3	300		3,000	6	1,194	500
Martin	2	200		200	4		
Monroe	10	41,175	2,200	9,250	21	5,500	525
Morgan	1	500	1,000	1,800			
Orange	11	500	300	5,800	4	200	
Owen	6	47,000		59,500	75	37,900	
Parke	2						
Perry	1	400	300		10	300	30
Pike	1	100	225	600	1		
Posey	1						
Putnam	14	10,500	450	35,500	62	19,300	1,400
Randolph	1	500	100	300	1	100	
Ripley	3	2,500	30,000		35	8,000	
Shelby	3	400			3		
Spencer	2	1,000		400	2		
Vanderburgh	1						
Vermillion	2	50	200		4	600	
Union	1						
Wabash	7	530	1,600	200	5	700	200
Washington	1	5,000					
Wayne	25	4,000	4,000	24,000	28	8,400	1,500
Wells	2						

NOTE.—Twelve quarries giving full answers show as follows: Capital invested, \$66,200; value of the material used, \$16,750; value of the manufactured product, \$85,850; number of employees, 173; annual wages paid, \$20,500; other expenses, \$3,835. An employe to every \$382.66 of capital employed, with average wages at \$118.50. Representing the capital by \$100, the material would be \$25.30, the product \$129.60, the wages \$31, and the other expenses \$5.80.

Twenty-one establishments, including those giving full answers, show as follows: Capital, \$69,995; value of material used, \$19,525; value of the manufactured product, \$93,850. Representing the capital by \$100, the material would be \$28, and the product \$134. The ratio of material to capital increased 10.67 per cent., and that of product to capital increased 3.47 per cent. from those giving full answers.

Ninety-three establishments (quarries) including all those before mentioned, show as capital \$239,265, being an average of \$2,572.74. The whole number reported is 365; the proportional number for the whole State is 445, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product, as per those giving full answers, shows as follows: Number of quarries, 445; capital invested, \$1,144,767; value of material used, \$289,626; value of the manufactured product, \$1,433,618; number of employes, 892; annual wages paid, \$103,711; other expenses, \$66,396.

MANUFACTURERS—PLANING MILLS.

TABLE No. XXXVIII.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Ex'penses, includ'g Taxes, Insurance, Re-pairs, etc.
Adams.....	2	\$800		\$1,000			
Allen.....	6	18,000	\$205,300	311,450	89	\$37,665	\$13,525
Bartholomew.....	1	1,000	75	1,200	1	500	90
Blackford.....	2	4,000	1,000		3	1,000	
Boone.....	3	12,500	10,600	18,200	7	3,200	350
Carroll.....	4	6,600	3,000	4,000	2		
Cass.....	3	30,000	47,800	75,500	36	14,610	650
Clark.....	1	5,000					
Clay.....	3	18,100	11,600	15,000	16	2,700	250
Clinton.....	3	14,000	26,500	39,600	17	6,060	2,300
Crawford.....	1						
Davless.....	2	1,000			15	7,000	
Dearborn.....	1	600			3		
Decatur.....	3						
DeKalb.....	8	20,000	15,000	27,000	26	6,500	1,100
Delaware.....	3	3,000		8,000	3	1,248	
Dubois.....	7	4,000	2,100	12,100	1	175	500
Elkhart.....	3	3,400	4,000	10,750	70	3,200	150
Fayette.....	3	5,000					
Floyd.....	2	23,000	19,000	50,000	32	16,800	2,400
Fountain.....	3	4,500	9,000	10,000	4	3,420	400
Franklin.....	5	11,000	3,000	2,500	2	500	75
Gibson.....	3						
Grant.....	2						
Greene.....	3	3,500	2,800	4,200	3	1,300	200
Hamilton.....	4	15,400	18,000	28,200	17	5,300	450
Hancock.....	2	16,000	3,000		10	2,000	
Harrison.....	3	1,350	2,300	3,400	7	100	
Hendricks.....	3	2,000	5,000	7,500	3	900	75
Henry.....	6	17,000	5,200	11,500	14	3,900	1,050
Howard.....	4	2,500	1,600		8		
Huntington.....	2	400			2	125	20
Jackson.....	3	10,450	9,500	52,500	53	20,400	500
Jay.....	3	6,500	40,500	40,800	5	1,000	
Jefferson.....	1	5,600	4,000	12,000	13	6,085	400
Jennings.....	2	1,150	3,150	4,200	1		
Johnson.....	3	20,000	8,000	45,000	3	1,800	1,000
Knox.....	4	4,000				3,800	4,000
Kosciusko.....	5	3,400	3,000	1,000	6	1,300	100
Lagrange.....	3						
Lake.....	3	8,000	1,500	6,000	6	4,000	500
Lawrence.....	4	4,000			6		
Madison.....	3	83,000	21,400	33,500	11	4,156	970
Marion.....	18	747,600		1,089,000	659	228,780	
Marshall.....	4	25,500	19,900	32,000	10	3,850	2,250
Martin.....	1	1,000	15,000	20,000	6	1,200	
Miami.....	5	17,300	21,000	40,100	10	2,290	1,000
Monroe.....	4	1,350	2,100	2,300	3	70	
Montgomery.....	1	12,000		60,000	17	9,000	700
Morgan.....	2	1,500	16,100	25,000	5	1,872	
Noble.....	8	17,400	12,500	27,082	15	6,998	400
Ohio.....	1	2,500	2,000	3,000	1	400	
Orange.....	1						
Owen.....	2	2,000		60,000			
Parke.....	3	6,000	8,000	12,000	7	2,000	150
Perry.....	1	5,000	1,500	3,500	6	2,000	
Pike.....	1				3		
Pulaski.....	1	1,000	500	800	3	1,000	

TABLE No. XXXVIII.—Continued.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Putnam.....	3	\$18,000	\$2,000	\$3,000	2	\$2,000	\$100
Ripley.....	1	300			3		
Rush.....	2	1,040	1,000	1,500	1	150	100
Shelby.....	3	800			1		
Spencer.....	3	10,620	220	440	1		
St. Joseph.....	3	3,000		200			
Steuben.....	4	12,500	11,000	7,000	9	3,100	250
Sullivan.....	2	6,000	10,000	1,500	4	1,872	
Switzerland.....	1						
Tipton.....	3	9,300	3,300	6,000	11	2,600	600
Union.....	1	1,200	3,000	6,000	5	1,500	200
Vanderburgh.....	5	130,250	140,145	234,500	149	72,600	5,330
Vigo.....	2						
Wabash.....	1	200					
Washington.....	2	1,200	2,000	4,500	3	1,400	
Wayne.....	7	18,600	68,000	130,500	46	15,500	3,730
Wells.....	3	11,500	32,500	59,000	23	1,000	500
Whitley.....	2	5,000	27,000	35,000	2	1,700	200

Note.—Seventy-one establishments, giving full answers, show as follows: Capital employed, \$557,300; value of raw material used, \$745,820; value of the manufactured product, \$1,252,332; number of employes, 598; annual wages paid, \$262,625; other expenses of the business, \$42,265; an employe to every \$931.95, with average yearly wages of \$439.17 to each. Representing the capital by \$100, the raw material would be \$134, the product \$228, the wages \$42 and the other expenses \$6.90.

Ninety-nine establishments, including those giving full answers, show as follows: Capital, \$625,870; raw material, \$883,490; manufactured product, \$1,471,322. Representing the capital by \$100, the material would be \$141.16, and the product \$235.08, the additional 28 establishments making no change in the ratio of material and product to capital from those giving full answers.

One hundred and seventy-one establishments, including all those before mentioned, show as capital \$1,509,670, or an average of \$8,828 to each. The whole number of establishments reported is 244; the proportional number for the State is 298, which, multiplied by the average capital to each, and the other elements of the business adjusted on this as per those giving full answers, shows for the whole State as follows: Number of establishments, 298; capital, \$2,630,744; raw material, \$3,525,197; product, \$5,919,174; number of employes, 1,774 (the whole number reported being 1,455); wages paid, \$779,378; expenses other than wages and material, \$176,260.

MANUFACTURERS—BRICK.

TABLE No. XXXIX.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams	2	\$1,480	\$130	\$2,700	9	\$800	\$80
Allen	12	21,300	17,400	70,500	115	31,200	8,750
Bartholomew	1	500	200	1,500	5	200	170
Blackford	3	2,000	.....	2,500	12	200	.....
Boone	10	4,510	260	8,500	34	2,910	730
Brown	2	200	400	2,000	7	440	.....
Carroll	3	.....	.....	.....	4	.....	.....
Cass	3	.....	.....	4,500	11	900	450
Clay	2	2,700	500	4,750	24	2,000	.....
Clark	6	2,600	2,500	6,300	17	1,000	515
Clinton	11	3,000	100	12,600	27	2,450	1,685
Davies	3	3,300	.....	1,500	20	4,350	75
Decatur	2	3,000	.....	.....	.....	3,800	.....
DeKalb	6	4,400	153	9,100	34	1,345	535
Delaware	6	6,750	50	38,000	64	17,772	60
Dubois	7	1,650	.....	5,300	11	750	.....
Elkhart	5	5,000	1,422	9,400	25	4,260	800
Fayette	3	100	.....	.....	.....	.....	.....
Floyd	3	3,500	.....	24,000	18	3,240	9,000
Fountain	5	1,700	750	4,950	23	750	300
Franklin	2	4,000	.....	.....	.....	.....	.....
Fulton	1	400	60	1,000	4	400	116
Gibson	5	2,500	.....	4,000	15	2,000	200
Grant	6	.....	.....	.....	.....	.....	.....
Greene	1	100	20	1,000	6	360	.....
Hamilton	2	1,500	1,150	7,000	16	2,100	150
Harrison	1	.....	.....	.....	.....	.....	.....
Hendricks	8	2,300	200	5,650	18	900	800
Henry	5	1,750	1,630	6,700	32	1,270	700
Howard	1	.....	.....	.....	3	.....	.....
Huntington	2	1,000	.....	2,400	8	375	475
Jackson	5	2,450	.....	1,500	9	460	.....
Jasper	1	200	300	2,000	5	500	.....
Jay	5	525	95	4,900	23	1,340	.....
Jefferson	.....	8,700	.....	6,650	15	2,000	2,310
Johnson	3	3,100	5,000	8,800	4	400	.....
Knox	3	.....	.....	.....	.....	.....	.....
Kosciusko	9	2,800	500	14,500	48	4,800	1,700
Lagrange	2	200	.....	1,800	8	400	.....
Lake	4	4,300	600	14,500	10	2,000	5,000
Laporte	4	6,000	420	9,750	30	7,950	.....
Lawrence	3	1,200	.....	.....	20	.....	.....
Madison	4	1,800	250	5,600	18	1,920	770
Marion	24	34,200	16,210	117,400	204	66,050	8,500
Marshall	4	1,200	300	10,000	11	5,300	50
Martin	5	1,600	500	2,500	38	2,000	500
Miami	2	1,200	.....	1,500	8	250	.....
Montgomery	6	7,640	130	15,600	16	4,420	2,500
Morgan	3	1,700	90	2,240	13	900	400
Noble	7	1,250	550	18,600	27	2,890	125
Ohio	1	800	.....	3,000	4	800	.....
Orange	1	.....	.....	.....	.....	.....	.....
Owen	2	750	.....	6,000	.....	.....	.....
Parke	1	500	.....	.....	.....	.....	.....
Perry	5	2,500	300	1,100	7	600	.....
Pike	6	1,500	.....	2,500	10	1,000	.....
Posey	1	500	.....	1,000	4	480	125
Porter	7	40,200	6,300	128,320	155	60,300	1,200

TABLE No. XXXIX.—Continued

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Pulaski	1	\$300	.....	\$400	10	\$1,200	.....
Putnam	2	5,800	\$2,000	15,500	33	5,880	\$1,000
Randolph	3	1,750	1,300	4,000	13	1,250	325
Ripley	5	1,500	.....	2,350	10	850	200
Rush	1	.....	.....	.....	.....	.....	.....
Scott	1	.....	.....	.....	.....	.....	.....
Shelby	5	2,300	700	13,000	15	1,200	100
Spencer	5	3,400	125	1,000	2	400	.....
St. Joseph	2	500	.....	200	1	200	.....
Steuben	6	4,800	800	7,300	34	2,360	75
Sullivan	8	1,100	50	2,000	20	660	.....
Tippecanoe	2	.....	.....	.....	.....	.....	.....
Tipton	1	200	.....	2,000	3	400	50
Union	2	2,300	1,500	2,500	4	1,800	100
Vanderburgh	13	38,850	2,360	84,320	78	22,940	2,825
Vermillion	4	220	200	1,200	10	200	.....
Wabash	4	650	60	2,700	12	5,200	70
Warren	1	6,000	300	2,000	8	400	100
Warrick	3	400	100	1,700	7	510	.....
Washington	1	1,000	5,000	6,000	.....	.....	.....
Wayne	11	15,925	9,780	18,200	58	5,700	2,700
Wells	3	2,000	.....	50,000	7	200	.....
White	3	100	300	.....	.....	.....	.....
Whitley	1	533	30	1,500	7	420	20

NOTE.—Eighty-eight establishments giving full answers show as follows: Capital invested, \$161,043; value of material used, \$58,373; value of manufactured product, \$452,470; number of employees, 718; annual wages paid, \$130,295; other expenses, \$37,041; an employe to every \$280.97 of capital, with average wages at \$181.47. Representing the capital by \$100, the material would be \$36.31, the product \$224.29, the wages \$80.91, and the other expenses \$23.

One hundred and thirty-four establishments, including those giving full answers, show as follows: Capital, \$181,528; material, \$75,315; product, \$521,880. Representing the capital by \$100, the material would be \$41.49, and the product \$287.50. The ratio of material to capital increased 14.27 per cent., and that of product to capital increased 28.18 per cent. from those giving full answers.

Two hundred and sixty-two establishments, including all those before mentioned, show as capital \$289,233, being an average of \$1,103.94 to each. The whole number of establishments reported is 333; the proportional number for the whole State is 406, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product as per those giving full answers, shows for the State as follows: Number of establishments, 406; capital invested, \$448,199; value of material used, \$162,741; value of manufactured product, \$995,310; number of employees, 1,928; annual wages paid, \$349,874; other expenses, \$103,086.

MANUFACTURERS—MERCHANT TAILORS.

TABLE No. XL.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams	3						
Allen	18	\$95,500	\$131,900	\$228,800	162	\$50,850	\$9,350
Benton	1		1,100	2,100			
Blackford	1	100			3	1,000	
Boone	4	2,700	7,000	12,000	6	3,200	320
Cass	12	28,000	65,600	118,320	61	36,878	4,900
Clark	2						
Clay	2	5,000	8,000	9,800	4	1,200	
Clinton	4	9,500	6,000	11,500	11	3,300	1,750
Dearborn	1	50					
Decatur	2	600	1,000	1,500			
DeKalb	3	1,500	3,400	8,300	8	1,850	340
Delaware	3	16,000		50,000	25	15,600	
Dubois	5	1,000	700	1,400	2	200	75
Floyd	4	16,000	28,000	40,000	17	5,200	1,200
Fountain	4	2,000			10		
Franklin	2	1,000	1,200	3,600	3		
Gibson	1						
Grant	2						
Hamilton	2	2,000	3,000	8,000	8	3,000	100
Hancock	2						
Hendricks	2	2,000	12,000	15,000	4	1,150	250
Henry	5	1,525	4,100	7,500	12	2,900	270
Jackson	7	4,800	8,850	14,000	10	4,650	150
Jasper	1	300	1,000				
Jay	1						
Jefferson	1	32,500	64,000	78,000	40	8,000	4,900
Jennings	1	100					
Johnson	3	16,000	20,000	25,000	28	14,000	2,000
Knox	5						
Kosciusko	3	1,600	750	1,350	2		200
Lake	4	1,100	1,600	2,900	2	600	125
Lawrence	2						
Madison	4	5,050	14,000	24,600	16	7,020	570
Marshall	1	1,200	3,000	7,000	3	2,100	650
Miami	3	12,000	27,000	48,000	16		
Monroe	1	5,000					
Montgomery	1	500	1,500	2,500	1	200	100
Noble	3	3,625	7,600	13,400	8	2,540	300
Ohio	2	2,500	2,500	4,900	4	1,200	
Orange	1						
Owen	2	3,000		3,300	4	2,100	
Parke	2	1,200	3,200	6,400	3	1,200	800
Perry	6	300					
Pulaski	2	4,000	2,900	2,500	4	1,500	
Putnam	5	11,000	8,500	22,000	11	7,000	1,400
Randolph	6	5,400	12,600	34,200	48	14,200	2,750
Rush	1						
Spencer	2	1,000					
Steuben	2	1,400	3,000	6,000	4	2,000	
Sullivan	1						
Switzerland	1				1		
Union	2	4,100	7,000	11,500	9	2,500	550
Yanderburgh	20	101,830	121,700	201,395	98	60,225	15,700
Washington	2	100	200	825			
Wayne	10	25,000	41,000	93,000	60	21,500	5,900
Wells	3	1,500					
White	3	900	1,000	2,400	6	2,300	500

NOTE.—One hundred and twelve establishments, giving full answers, show as follows: Capital invested, \$338,005; value of material used, \$511,550; value of manufactured product, \$906,615; number of employes, 578; annual wages paid, \$243,763; and other expenses, \$49,500; an employe to every \$584.78, with average wages at \$421.73. Representing the capital by \$100, the material would be \$105, the product \$266, the wages \$72 and the other expenses \$14.50.

One hundred and thirty-eight establishments, including those giving full answers, show as follows: Capital invested, \$367,730; value of material used, \$559,500; value of the manufactured product, \$989,490. Representing the capital by \$100, the material would be \$152 and the product \$269. The ratio of material to capital increased 44.86 per cent., and that of product to capital increased only 1.13 per cent. from those giving full answers—the former a remarkable change of ratio.

One hundred and sixty-three establishments, including all those before noted, show as capital \$398,180, or an average of \$2,443 to each. The whole number of establishments reported is 198. The proportional number for the State is 242, which number, being multiplied by the average capital to each, and the other elements of the business adjusted on this product as per those giving full answers, shows for the whole State as follows: Number of establishments, 242; capital invested, \$591,206; value of material used, \$620,766; value of the manufactured product, \$1,572,608; number of employes, 858; annual wages paid, \$361,853; other expenses of the business, \$85,725.

MANUFACTURERS—CARRIAGE FACTORIES.

TABLE No. XLI.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Allen.....	7	\$19,800	\$20,000	\$50,500	42	\$17,800	\$2,200
Bartholomew.....	2	3,300	8,000	24,000	21	7,500	700
Benton.....	1	500	900	3,000	2	720	.....
Boone.....	7	22,150	8,650	26,300	23	7,900	5,200
Carroll.....	2	.....	.....	.....	1	450	.....
Cass.....	2	18,700	9,200	29,000	34	12,300	770
Clay.....	2	2,200	2,500	4,000	10	3,500	.....
Clark.....	3	1,000	2,500	5,000	2	700	250
Clinton.....	3	24,500	18,000	42,500	22	13,400	4,680
Crawford.....	1	200	150	900	2	250	.....
Daviess.....	1	1,000	.....	.....	7	1,500	.....
Dearborn.....	3	300	1,000	1,500	1	150	.....
Decatur.....	2	.....	.....	.....	.....	.....	.....
DeKalb.....	4	5,500	4,300	9,600	8	2,500	220
Delaware.....	3	21,500	400	63,400	32	26,040	160
Dubois.....	1	.....	.....	.....	.....	.....	.....
Elkhart.....	5	11,000	2,100	2,500	12	4,550	3,000
Fayette.....	3	24,200	3,300	4,900	10	4,800	.....
Floyd.....	3	12,600	6,000	24,000	20	6,000	900
Fountain.....	2	20,200	27,500	67,000	1	800	550
Franklin.....	3	3,600	750	3,700	1	1,200	250
Fulton.....	2	500	.....	.....	.....	.....	.....
Gibson.....	3	3,500	4,225	9,875	13	4,600	450
Grant.....	3	.....	.....	.....	.....	.....	.....
Hamilton.....	2	16,000	22,000	37,000	20	7,000	1,200
Hancock.....	3	3,300	1,050	2,000	5	1,500	.....
Harrison.....	1	50	.....	.....	.....	.....	.....
Hendricks.....	3	500	400	800	.....	.....	25
Henry.....	9	13,400	4,950	9,700	22	2,150	425
Howard.....	6	8,500	.....	19,000	49	.....	.....
Huntington.....	1	.....	.....	.....	.....	.....	.....
Jay.....	4	1,200	1,540	2,700	2	969	.....
Jefferson.....	3	15,500	6,500	18,000	20	10,000	1,230
Jennings.....	3	3,000	4,000	8,000	1	400	800
Johnson.....	2	2,600	5,400	12,500	14	5,000	600
Knox.....	5	2,000	20,000	10,000	8	1,500	300
Kosciusko.....	8	14,600	20,600	30,100	32	7,450	2,050
Lagrange.....	5	.....	.....	.....	.....	.....	.....
Lawrence.....	3	300	.....	.....	4	.....	.....
Madison.....	1	.....	.....	.....	.....	.....	.....
Marion.....	41	179,475	219,550	326,800	235	97,800	11,680
Miami.....	5	17,500	5,700	38,665	28	9,000	771
Monroe.....	2	.....	.....	.....	.....	.....	.....
Montgomery.....	2	12,000	1,400	18,000	25	13,000	1,500
Noble.....	13	18,050	23,100	40,370	24	11,970	1,720
Ohio.....	3	8,000	2,000	5,000	6	2,000	.....
Orange.....	2	.....	.....	.....	.....	.....	.....
Owen.....	2	1,500	.....	1,500	7	1,230	.....
Parke.....	2	2,500	1,000	2,000	2	800	200
Perry.....	1	500	500	1,500	3	400	.....
Pike.....	4	.....	.....	.....	.....	.....	.....
Posey.....	3	350	1,500	3,000	1	200	.....
Porter.....	1	100	700	1,400	.....	.....	.....
Pulaski.....	1	300	500	1,000	2	1,000	.....
Putnam.....	1	18,000	7,500	20,000	12	7,500	2,000
Randolph.....	4	4,200	5,900	13,364	13	3,022	160
Ripley.....	4	300	600	1,200	5	1,500	.....
Rush.....	2	2,000	2,000	8,600	8	2,000	.....

TABLE No. XLI.—Continued.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Scott.....	1	\$200	\$50	\$300	.....	.....	\$5
Spencer.....	2	3,000	.....	.....	.....	.....	.....
St. Joseph.....	2	.....	.....	.....	.....	.....	.....
Steuben.....	4	7,000	6,500	16,000	9	\$4,100	200
Sullivan.....	3	2,000	2,000	4,000	6	2,808	.....
Switzerland.....	1	600	700	1,200	2	500	30
Tippecanoe.....	3	4,700	2,400	8,400	11	4,000	560
Union.....	1	1,200	500	2,500	2	600	150
Vanderburgh.....	4	41,320	9,100	28,300	25	16,796	1,070
Vigo.....	1	.....	.....	.....	.....	.....	.....
Wabash.....	2	700	500	1,000	3	400	20
Warrick.....	1	.....	.....	.....	.....	.....	.....
Washington.....	1	.....	.....	.....	.....	.....	.....
Wayne.....	11	28,100	16,800	49,900	37	14,200	5,000
Wells.....	5	1,500	300	600	2	.....	.....
White.....	4	150	.....	.....	.....	.....	.....
Whitley.....	1	2,200	1,000	3,000	4	2,600	.....

NOTE.—One hundred and twelve establishments, giving full answers, show as follows: Capital, \$439,595; value of raw material, \$428,475; value of manufactured product, \$815,874; number of employes, 647; wages paid annually, \$264,188; other expenses, \$45,211; an employe to every \$679.44, with an average annual wages of \$408.33. Representing the capital by \$100, the raw material would be \$97.50, the product \$185.50, the wages \$60, and the other expenses \$10.25.

One hundred and sixty-nine establishments, including those giving full answers, show as capital \$511,195; material, \$515,715; and product, \$1,019,374. Representing the capital by \$100, the material would be \$100.90, and the product \$199.41, the ratio of material to capital increasing 3½ per cent., and that of product to capital increasing 7¼ per cent. over those giving full answers.

One hundred and ninety-eight establishments, including all those before noted, show as capital \$553,895, being an average of \$2,797.45 to each. The whole number of establishments reported is 270. The proportional number for the State is 329, which, multiplied by the average to each, and the other elements of the business adjusted on this as per those giving full answers, shows for the whole State as follows: Number of establishments, 329; capital, \$920,361; value of raw material, \$897,352; value of manufactured product, \$1,707,270; number of employes, 1,111 (the whole number reported being 911); wages paid, \$453,655; and other expenses, \$94,337.

MANUFACTURERS—DAIRIES.

TABLE No. XLII.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includ'g Taxes, Insurance, Repairs, etc.
Adams.....	8	\$2,850	\$4,500	\$6,455	12	.....	.....
Allen.....	5	2,650	150	17,825	6	\$3,950	\$5,420
Bartholomew.....	4	300	1,000	.....	3	600	100
Boone.....	1	.....	.....	.....	.....	.....	.....
Cass.....	1	200	.....	.....	2	120	100
Clark.....	4	1,800	.....	3,670	6	700	.....
Clay.....	1	500	.....	440	1	120	.....
Clinton.....	4	4,450	.....	3,100	10	.....	300
Dearborn.....	3	1,300	1,000	1,000	2	480	.....
Decatur.....	3	1,800	.....	.....	.....	.....	.....
DeKalb.....	1	6,000	.....	.....	.....	.....	.....
Fayette.....	4	2,500	.....	.....	.....	.....	.....
Floyd.....	5	12,000	.....	22,000	9	2,800	5,200
Fountain.....	1	1,000	.....	1,000	3	400	.....
Franklin.....	1	800	.....	.....	.....	.....	.....
Hancock.....	1	.....	.....	.....	.....	.....	.....
Harrison.....	1	1,500	1,000	2,000	5	600	125
Henry.....	1	.....	.....	.....	.....	.....	.....
Jackson.....	8	2,000	.....	.....	.....	.....	.....
Jasper.....	2	1,700	50	500	2	90	.....
Jefferson.....	1	4,000	600	13,458	4	600	2,800
Knox.....	3	.....	.....	.....	.....	.....	.....
Laporte.....	2	2,000	.....	3,600	4	1,440	.....
Madison.....	2	2,100	1,200	1,600	4	450	100
Marion.....	35	30,520	40,850	85,520	54	11,075	1,300
Martin.....	1	100	.....	.....	.....	.....	.....
Miami.....	2	1,200	500	1,000	.....	.....	.....
Montgomery.....	3	4,500	.....	6,000	1	360	1,000
Morgan.....	2	1,300	3,300	.....	2	500	.....
Newton.....	1	700	.....	400	.....	.....	.....
Noble.....	2	250	.....	3,500	6	800	1,400
Ohio.....	2	1,000	.....	.....	.....	.....	.....
Owen.....	3	900	.....	1,500	3	465	.....
Porter.....	39	88,008	15,000	15,000	.....	.....	.....
Posey.....	2	1,000	.....	.....	.....	.....	.....
Putnam.....	3	1,200	.....	2,000	.....	.....	.....
Randolph.....	1	500	250	700	1	120	.....
Ripley.....	13	.....	.....	.....	.....	.....	.....
Scott.....	2	600	.....	1,000	.....	200	.....
Seuben.....	1	250	.....	.....	.....	.....	.....
St. Joseph.....	2	1,000	.....	.....	.....	.....	.....
Switzerland.....	2	1,200	300	640	.....	.....	.....
Tiptecanoe.....	2	1,000	1,000	2,000	4	1,500	100
Vanderburgh.....	36	30,945	35,028	38,952	31	6,208	3,450
Vigo.....	3	1,200	3,000	5,000	7	1,400	75
Wayne.....	20	53,500	.....	77,750	77	19,800	30,600
Wells.....	4	4,000	.....	3,000	.....	.....	.....

NOTE.—Fifty-nine establishments, giving full answers, show as follows: Capital employed, \$50,415; value of raw material used, \$81,528; value of manufactured product, \$117,772; number of employes, 87; wages paid during year, \$15,078; other expenses of the business, \$4,990. An employe to every \$579.48, with average yearly wages of \$173.31. Representing the capital by \$100, the material would be \$161.71, product \$233.60, wages \$29.91, and other expenses \$9.89.

One hundred and eight establishments, including those giving full answers, show as follows: Capital, \$144,965; value of material, \$102,128; value of product, \$143,267. Representing the capital by \$100, the material would be \$70.38, and the product \$98.85, the ratio of material to capital decreasing 56½ per cent., and that of product to capital decreasing 57⅞ per cent. from those giving full answers.

The decrease in the ratio to capital might be accounted for by the different constructions of what constitutes the raw material used by dairymen in different localities, as food for the cows, etc., but this will not at all explain the relative fall in the value of the product. There are two classes of dairymen—one class milks the cows, and the other buys their milk. They were not separated in this inquiry, and their different way of conducting the business may account for the change in the ratio of material and product to capital. The milk is product to the one who keeps cows, while it is material to the one who buys his milk.

One hundred and forty-nine establishments, including all those before mentioned, show as capital \$187,615, being an average of \$1,259.16. The whole number of establishments reported is 239. Proportional number in the State 291, which, multiplied by the average capital to each, and the other elements of the business adjusted to this product, as per those giving full answers, assuming them to have given the most reliable answers, shows for the State as follows: Number of establishments, 291; capital, \$366,369; value of material used, \$592,455; value of product, \$855,838; number of employes, 263; wages paid, \$109,581; other expenses, \$36,271.

MANUFACTURERS—AGRICULTURAL IMPLEMENTS.

TABLE No. XLIII.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Allen.....	3	\$58,000	\$65,700	\$109,200	44	\$17,100	\$6,500
Benton.....	1	8,000			1	450	
Carroll.....	1						
Cass.....	1	85,000	60,000	120,000	65	32,000	1,500
Clark.....	3	800	2,000	4,500	5		
Clay.....	1	1,800			1		
Crawford.....	6	1,200	1,000	2,600	12	750	
Dearborn.....	2	500	2,000	3,000	2	300	
Decatur.....	2	500			3		
Delaware.....	4	15,300	200	50,800	3	1,183	24
Elkhart.....	1	1,200	2,181	3,520	1	344	
Fayette.....	2	300		600			
Floyd.....	4	15,000	26,000	45,000	18	7,200	2,100
Fountain.....	3	20,000	10,000	25,000	10	3,000	1,000
Franklin.....	1	20,000					
Gibson.....	2						
Hancock.....	2	300	150	600	2	300	
Harrison.....	2						
Henry.....	1	2,000	1,400	2,400	4	600	100
Howard.....	2	100	500	900	4	250	
Knox.....	6						
Lagrange.....	1						
Lawrence.....	1	200	400	1,000	2	600	25
Madison.....	2	5,300	5,500	13,050	12	5,130	800
Marion.....	5	73,000		109,000	75	36,000	8,900
Marshall.....	1	15,000	3,000	9,000	5	2,500	2,000
Miami.....	3	200	500	500	1		
Monroe.....	1	1,000	1,000	2,000	10		
Morgan.....	3	6,200	10,200	16,000	6	2,172	
Ohio.....	1	15,000	5,000	60,000	10	3,000	
Perry.....	3	1,000	500	2,500	3	900	
Pike.....	3	1,700					
Ripley.....	3						
Rush.....	2	12,300	8,400	15,500	7		
Scott.....	1	150	10	40			
Steuben.....	7	7,125	5,425	8,700	10	2,875	200
Sullivan.....	2						
Tippecanoe.....	2	1,000	400	4,000	3	500	
Tipton.....	2	200	1,000	2,000	8	2,000	500
Vanderburgh.....	4	115,380	165,360	225,430	61	34,290	22,300
Warrick.....	1	3,000					
Washington.....	4						
Wayne.....	4	856,200	470,400	1,238,700	663	275,700	179,800
Wells.....	2						

NOTE.—Twenty-six establishments, giving full answers to all questions, show as follows: Capital invested, \$1,164,290; value of raw material used, \$778,460; value of manufactured product, \$1,758,130; number of employes, 886; annual wages paid, \$740,000, and other annual expenses, \$23,449; an employe to every \$1,314.10 of capital, with average yearly wages \$835.21. Representing the capital by \$100, the raw material would be \$66.90, the product \$150.90, the wages \$63.55, and the other expenses \$2. (?)

Sixty-two establishments, giving capital, material and product, including those before noted, show as follows: Capital, \$1,210,665; raw material, \$817,205, and product \$1,882,540. Representing the capital by \$100, the raw material would be \$67.50, and the manufactured product \$155.50.

Seventy establishments, including all those before mentioned, show aggregate capital at \$1,242,665, or an average of \$17,752 to each. The whole number of establishments reported is 102; proportional number for the State is 124, which, multiplied by the average capital, and the other elements of the business adjusted on this product as per those giving full answers, shows as follows: Number of establishments, 124; capital, \$2,201,248; value of raw material used, \$1,472,635; value of manufactured product, \$3,321,683; number of employes, 1,294; wages paid, \$1,080,762; other expenses, \$44,465.

MANUFACTURERS—PHOTOGRAPHERS.

TABLE No. XLIV.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	1						
Allen.....	7	\$9,400	\$2,975	\$22,300	8	\$3,175	\$3,300
Bartholomew.....	1	375	250	475	1	215	10
Benton.....	1	300	100	800			
Blackford.....	2	500	200	200	1	600	
Boone.....	3	600	125	800			
Brown.....	1	200	60				
Carroll.....	1						
Cass.....	3	2,000	1,000	4,500	4	1,500	450
Clark.....	4	600	1,000	2,500	1	325	200
Clay.....	2	250	15		1	600	
Clinton.....	3	1,800	1,300	4,200	5		1,450
Davies.....	2	2,000			3	1,000	
Dearborn.....	1	50	50	100	1		
Dekalb.....	5	1,300	1,500	3,600	2	1,000	250
Delaware.....	6	2,000		9,000	3	906	
Dubois.....	4	300	100	500			
Fayette.....	3	1,500					
Floyd.....	2	2,000	1,000	5,000	3	1,200	800
Fountain.....	4	125					
Franklin.....	4	900	20	600	1		
Gibson.....	3	2,300		2,400	3	850	200
Graut.....	3						
Hamilton.....	4	850	1,225	3,500	3		300
Hancock.....	1						
Hendricks.....	4	600	1,100	2,500	1	300	200
Henry.....	5	1,600	250	1,143	4	275	661
Howard.....	1				2		
Jackson.....	1	600	200	1,200	1	900	
Jasper.....	2	700	325	500		300	
Jay.....	5	675	300	1,150	2	900	
Jefferson.....	1	525	700	3,400	1	240	395
Johnson.....	4	1,250	200	3,000	3	1,500	200
Knox.....	4	500	800	200		600	100
Kosciusko.....	7	2,100	100	150			
Lagrange.....	1						
Lake.....	2	1,500	200	1,200			500
Laporte.....	1	200					
Lawrence.....	2						
Madison.....	3	700	420	1,600			300
Marion.....	23	18,850		52,000	19	7,500	6,500
Martin.....	1	100					
Miami.....	3	2,000		5,000	4		
Monroe.....	5	600					
Montgomery.....	3	3,000	1,500	4,500	5	2,400	600
Morgan.....	1	1,000	100	200	1		
Newton.....	1	300					
Noble.....	5	1,425	425	2,405	4	1,110	400
Ohio.....	1	600	200	800			
Orange.....	2						
Owen.....	1	200		560	1		
Parke.....	1	200	200	500	1	100	150
Perry.....	2	500					
Pike.....	1						
Posey.....	1						
Pulaski.....	2	500	200	200	2	1,000	
Putnam.....	4	5,150	2,140	6,450	7		925
Randolph.....	5	1,565	1,120	3,710	2	150	520

TABLE No. XLIV.—Continued.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Ripley	2	\$200	\$200	\$500	1	\$300	.....
Rush	3	275	275	525	2	.....	.....
Scott	1	.....	.....	.....	.....	.....	.....
Shelby	2	200	50	600	1	.....	.....
Spencer	1	500	.....	.....	.....	.....	.....
Steuben	3	800	375	2,500	3	1,000	\$10
Sullivan	3	800	180	800	2	400	80
Switzerland	2	1,100	100	400	.....	.....	.....
Tipton	1	300	150	500	.....	.....	.....
Union	1	600	300	900	1	450	150
Vanderburgh	5	3,520	1,900	14,030	5	1,242	1,255
Wabash	1	25	.....	.....	.....	.....	.....
Warrick	2	.....	.....	.....	.....	.....	.....
Washington	2	100	.....	.....	.....	.....	.....
Wayne	8	2,250	2,700	9,900	7	2,500	2,060
Wells	1	.....	.....	.....	.....	.....	.....
White	2	450	250	1,000	2	950	150
Whitley	2	260	270	669	2	275	70

NOTE.—Forty-six establishments, giving full answers, show as follows: Capital invested, \$28,610; value of material used, \$16,125; value of manufactured product, \$74,620; number of employees, 51; annual wages paid, \$17,442; other expenses of the business, \$10,735; an employe to every \$560.98 of capital, with average annual wages at \$342. Representing the capital by \$100, the material would be \$56.40, the product \$260, the wages \$61, and the other expenses \$37.50.

Ninety-five establishments, including those giving full answers, show as follows: Capital invested, \$18,895; value of material used, \$28,070; value of the manufactured product, \$114,382. Representing the capital by \$100, the material would be \$37.40, and the product \$234. The ratio of material to capital increased 1.78 per cent., while that of product to capital decreased 10 per cent. from those giving full answers.

One hundred and sixty-seven establishments, including all those before mentioned, show as capital \$88,065, or an average of \$527.51. The whole number of establishments reported is 226. The proportional number for the State is 275, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product as per those giving full answers, shows for the whole State as follows: Number of establishments, 275; capital invested, \$145,165; value of the material used, \$81,873; value of the manufactured product, \$377,419; number of employees, 160; annual wages paid, \$54,720; other annual expenses, \$54,436.

MANUFACTURERS—MARBLE WORKS.

TABLE No. XLV.

COUNTIES.	No Establishments.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	2	\$1,500		\$9,000			
Allen.....	4	29,900	\$20,800	55,000	31	\$15,000	\$4,800
Boone.....	5	3,800	3,660	8,161	9	2,175	550
Cass.....	4	3,200	5,900	13,700	11	4,140	
Clark.....	5	500	600	1,200	1	300	100
Clay.....	2	1,900	1,100	4,000	1	1,050	
Clinton.....	2	1,100	3,100	10,000	6	2,100	1,000
Davess.....	1	800	500	2,000	3	500	25
Decatur.....	1						
DeKalb.....	2	2,000	1,800	4,000	3	1,050	400
Delaware.....	6	15,000		50,000	20	8,840	
Dubois.....	3	2,500	1,300	3,400	3	700	150
Fayette.....	1	3,000					
Floyd.....	4	7,000	9,000	20,000	6	2,400	3,500
Fountain.....	4	500					
Franklin.....	3	4,000					
Gibson.....	2	2,000	3,000	8,000	5	2,000	400
Grant.....	2						
Hamilton.....	3	200	1,500	4,000	2	800	600
Hancock.....	1						
Harrison.....	2	400	800	1,100	4	800	
Hendricks.....	2	800	2,200	5,500	2	792	300
Henry.....	3	4,100	400	700	8	1,750	305
Jackson.....	3	5,550	8,000	2,000	8	6,000	1,500
Jasper.....	1	1,200	1,500	2,500	1	450	50
Jay.....	1	1,000	1,500	4,000	2	1,000	
Jefferson.....	1	2,350	2,120	7,440	3	1,660	500
Johnson.....	2	1,600	1,600	6,500	5	2,332	
Knox.....	6	3,500	3,000	8,500		4,500	500
Kosciusko.....	4	1,400	3,500	5,600	3	1,250	150
Lake.....	1	150	100	300	1	50	50
Madison.....	4	1,100	4,000	13,000	8	3,212	934
Marion.....	9	28,500	52,600	120,100	39	15,650	1,100
Marshall.....	2	1,600	1,200	7,000	5	3,000	650
Miami.....	1	1,000	2,000	1,000	4		
Monroe.....	3	1,000					
Noble.....	3	2,700	5,000	14,250	10	3,734	475
Ohio.....	1	2,000	2,000	4,000	1	400	
Orange.....	2						
Owen.....	1	300		1,500	3		
Parke.....	1	500	400	1,000	1	400	50
Perry.....	2	2,500	1,000	3,000	3	1,200	
Pulaski.....	2	1,000	2,000	4,000	4	2,000	
Putnam.....	2	10,500	4,000	11,500	5	3,200	1,000
Randolph.....	1	1,200	3,600	5,000	2	600	240
Ripley.....	1						
Spencer.....	2	2,000					
Stauben.....	2	2,100	3,000	5,000	2	1,200	
Sullivan.....	2	6,000	1,000	3,000	2	1,200	
Switzerland.....	1	5,000	3,000	4,000	1	800	
Tippecanoe.....	1	200	4,000	5,300	3	700	200
Tipton.....	2	600	800	2,500	2	900	300
Union.....	1	2,500	1,500	5,000	3	600	150
Vanderburgh.....	5	15,600	9,360	43,525	38	17,271	2,433
Warrick.....	1						
Washington.....	2	325	800	750	2	150	50
Wayne.....	3	7,300	9,700	20,000	11	5,500	2,000
Wells.....	2	1,000					
White.....	1	200	600	1,200	1	700	150

NOTE.—Seventy-three establishments, giving full answers, show as follows: Capital invested, \$138,425; value of raw material used, \$159,820; value of manufactured product, \$397,386; number of employes, 216; annual wages paid, \$93,096; other expenses of the business, \$24,696, an employe to every \$640 of capital, with average wages at \$435.63. Representing the capital by \$100, the raw material would be \$115, the product \$215, the wages \$60, and other expenses \$11.

Eighty-nine establishments, including those before noted, show as capital \$153,475; raw material, \$182,340; product, \$447,726. Representing the capital by \$100, the raw material would be \$119, and the product \$292. The ratio of product to capital increased nearly 36 per cent., while that of raw material varies only $3\frac{1}{2}$ per cent. from those giving full answers. This shows that among those giving but partial answers there were some extravagant reports of the value of the manufactured product.

One hundred and three establishments, including all those before mentioned, show as capital \$165,775, being an average of \$1,609 to each. The whole number reported is 144; proportional number in the State, 175, which number, multiplied by the average stock to each, and the other elements of the business adjusted as per those giving full answers, show for the whole State as follows: Number of establishments, 175; capital, \$281,575; raw material, \$323,811; manufactured product, \$605,386; number of employes, 357; wages paid, \$153,867; other expenses of the business, \$37,044.

MANUFACTURERS—DRAIN TILE FACTORIES.

TABLE No. XLVI.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendent's	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	5	\$6,100	\$200	\$3,650	13	\$1,050	\$325
Allen.....	6	7,300	1,500	12,200	13	3,050	900
Bartholomew.....	5	10,600	600	10,500	17	2,900	980
Benton.....	1	1,000	.....	3,000	4	536	145
Blackford.....	4	2,700	.....	850	7	130	30
Boone.....	13	10,880	600	31,000	31	3,090	1,700
Carroll.....	8	8,100	550	4,700	11	1,600	950
Cass.....	8	3,700	1,215	9,600	15	1,050	.....
Clark.....	3	600	1,160	3,000	4	1,000	400
Clay.....	3	20,000	.....	.....	.....	.....	.....
Clinton.....	15	35,200	750	26,100	23	6,150	1,350
Davies.....	1	.....	.....	.....	5	1,500	.....
Decatur.....	17	14,600	1,125	6,100	13	5,350	200
DeKalb.....	2	600	.....	1,000	3	160	200
Delaware.....	7	17,400	125	29,900	39	7,960	200
Elkhart.....	1	2,000	800	4,000	3	600	300
Fountain.....	3	1,100	400	1,500	4	200	.....
Franklin.....	2	2,800	350	1,300	3	200	20
Gibson.....	5	9,000	.....	8,000	18	3,050	.....
Grant.....	12	3,800	300	7,000	12	1,400	100
Greene.....	1	1,500	.....	.....	.....	.....	.....
Hamilton.....	11	7,900	1,200	12,300	31	4,273	1,225
Hancock.....	5	6,000	50	15,000	15	1,240	1,250
Hendricks.....	12	11,000	800	12,085	18	1,362	160
Henry.....	6	10,000	1,000	10,600	22	1,100	450
Howard.....	19	25,100	600	11,880	46	1,407	450
Huntington.....	5	8,200	290	6,300	11	875	210
Jackson.....	1	500	.....	.....	.....	.....	.....
Jasper.....	1	2,000	500	1,000	4	850	100
Jay.....	14	12,600	700	18,300	32	2,740	200
Johnson.....	4	2,000	.....	.....	3	720	.....
Knox.....	1	.....	.....	.....	.....	.....	.....
Kosciusko.....	2	850	120	3,500	7	900	125
Lake.....	1	600	100	600	4	300	100
Madison.....	9	8,950	325	10,500	12	1,860	505
Marion.....	7	6,500	300	12,000	15	3,645	200
Marshall.....	2	3,500	.....	.....	.....	.....	.....
Miami.....	10	14,100	555	13,200	32	4,225	900
Montgomery.....	7	82,000	300	109,000	16	2,000	.....
Morgan.....	2	3,500	600	2,000	7	1,380	400
Noble.....	4	2,625	325	2,600	6	350	125
Parke.....	6	5,000	300	4,500	5	1,500	100
Perry.....	1	.....	.....	.....	.....	.....	.....
Posey.....	1	.....	.....	.....	.....	.....	.....
Putnam.....	1	1,500	.....	1,000	3	800	.....
Randolph.....	17	41,590	1,200	18,200	28	2,884	150
Ripley.....	1	400	.....	800	1	150	.....
Rush.....	6	5,700	500	8,100	11	1,790	150
Scott.....	1	500	100	3,000	6	1,000	.....
Shelby.....	9	7,600	800	18,000	31	1,200	100
Steuken.....	3	4,000	800	4,600	15	1,720	75
St. Joseph.....	1	100	300	300	.....	.....	.....
Tippecanoe.....	2	5,000	.....	.....	.....	.....	.....
Tipton.....	9	8,400	2,800	14,750	21	2,748	1,000
Union.....	2	2,500	.....	3,000	3	350	500
Vanderburgh.....	2	4,000	800	5,500	8	1,900	300
Vermillion.....	2	6,500	1,000	13,000	12	4,550	100
Wabash.....	14	20,500	2,248	33,750	38	4,605	1,250

TABLE No. XLVI.—Continued.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'nce.	Other Expenses, Includg Taxes, Insurance, Repairs, etc.
Warren.....	5	\$9,500	\$1,650	\$13,500	20	\$3,380	500
Warrick.....	1						
Wayne.....	6	4,700	500	4,300	7	925	75
Wells.....	7	10,000	1,250	6,200	22	(?) 15,000	200
White.....	1	2,000					
Whitley.....	5	1,500	1,520	2,500	5	595	100

NOTE.—Ninety establishments giving full answers, show as follows: Capital employed, \$117,425; value of raw material used, \$24,048; value of the manufactured product, \$160,465; number of employees, 274; annual wages paid, \$41,505; other expenses, \$13,185; an employe to every \$428.76, with an average annual wages of \$151.48 to each. Representing the capital by \$100 the material would be \$24.48, the product \$136.63, wages \$35.44, and other expenses \$11.18.

One hundred and twenty-five establishments, including those giving full answers, show as follows: Capital, \$184,275; material, \$30,963, and product \$215,568. Representing the capital by \$100 the material would be \$16.75, and the product \$117.03; the ratio of material to capital decreased 31½ per cent., and that of product to capital decreased 14⅓ per cent. from those giving full answers; the value of the raw material (clay), is estimated at very different figures in different localities.

One hundred and eighty-two establishments, including all those before mentioned, show as capital \$279,875, being an average of \$1,537.77 to each. The whole number reported is 244: the proportional number for the State is 297, which, multiplied by the average capital to each, and the other elements of the business adjusted to that product as per those giving full answers, shows for the State as follows: Number of establishments, 297; capital, \$456,489; value of raw material, \$93,305; value of manufactured product, \$623,720; number of employees, 948; wages paid, \$143,603; other expenses, \$51,035.

MANUFACTURERS—FURNITURE FACTORIES.

TABLE No. XLVII.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendent's.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams.....	1	\$100	\$200	\$300	1		
Allen.....	5	57,500	20,600	45,500	32	\$10,800	\$3,030
Bartholomew.....	1	300			1	300	200
Blackford.....	2	5,000			4	2,940	
Boone.....	2	7,500		4,000	5	2,250	200
Brown.....	3						
Cass.....	2	35,000	11,500	25,000	28	8,350	2,110
Clay.....	1	3,000	100			1,400	
Clinton.....	3	5,300	8,000	18,500	10	4,000	2,300
Davies.....	1	5,000			7	3,000	
Dearborn.....	5	61,800	18,501	36,500	90	18,928	5,650
Decatur.....	2	10,000	2,000	3,500	3	7,500	
DeKalb.....	5	3,100	575	2,750	5	1,050	250
Delaware.....	3	12,000		30,000	16	5,408	
Dubois.....	5	1,000	575	6,400	1		100
Elkhart.....	3	3,500	2,240	4,200	1	1,850	
Fayette.....	6	200,000	100,000	200,000	155	65,000	20,000
Floyd.....	2	70,000	35,000	85,000	60	22,000	12,000
Fountain.....	3	1,700	800	1,200	2		
Grant.....	3	300	100	500	2		50
Greene.....	2	1,300	4,000	8,000	2	700	300
Hamilton.....	2	350	300	800	2	150	
Hancock.....	1	23,000					
Harrison.....	1	100	100	200			
Hendricks.....	4	475	600	1,800	3	700	50
Henry.....	3	200	925	2,200	1	75	25
Howard.....	2				3		
Huntington.....	1	1,000		680			
Jackson.....	5	2,100	2,450	6,200	6	3,000	250
Jay.....	6	1,600	450	1,500	3		
Jefferson.....	2	40,000	30,000	60,000	50	15,000	800
Knox.....	1						
Kosciusko.....	4	22,000	6,850	11,000	22	6,800	1,900
Lagrange.....	2						
Lake.....	2						
Laporte.....	1	1,500					
Lawrence.....	5	1,000			4		
Madison.....	6	6,000	10,100	32,200	29	4,842	1,450
Marion.....	32	719,000	296,500	793,350	731	276,400	35,900
Marshall.....	1	100	500	800	1	300	
Martin.....	6	5,000	2,000	5,000	4	1,000	
Miami.....	1	19,500	22,000	45,000	20	15,000	2,000
Monroe.....	3	3,000					
Montgomery.....	1	4,000	12,000	15,000	1	600	200
Morgan.....	1	200	200	250	1	300	
Noble.....	6	17,250	6,300	18,500	18	5,672	1,430
Ohio.....	2	2,000	1,000	2,500	2	600	
Orange.....	1	150					
Owen.....	3	1,600		3,100	4		
Park.....	1	1,500	300	1,000	1	50	500
Perry.....	4	115,000	50,000	100,000	128	37,410	
Pike.....	5	1,100		200	1		
Randolph.....	2	9,000		17,000	19	6,000	600
Ripley.....	6	90,000	80,000	110,000	100	13,000	2,500
Rush.....		500		1,600	2		
Scott.....	3						
Shelby.....	4	4,200	9,000	15,000	34	12,000	500
Spencer.....	2	19,000					

TABLE No. XLVII.—Continued.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Stenben	5	\$4,200	\$2,800	\$8,500	6	\$2,200	\$200
St. Joseph.....	1						
Sullivan.....	1						
Switzerland	1	10,000	5,000	20,000	25	15,000	1,000
Tipton.....	1	2,000	1,000	3,000	3	1,200	
Vanderburgh.....	5	368,250	181,800	386,560	320	138,183	34,700
Vermillion.....	1						
Wabash.....	1	3,000	2,000	3,560	12	600	50
Warrick.....	4						
Washington.....	5	4,000	1,100	2,700	2	500	50
Wayne.....	9	230,500	54,500	176,500	250	61,700	24,100
Wells.....	3						
White.....	3	7,700					
Whitley.....	3	3,000	600	2,300	5	200	

NOTE.—Ninety-seven establishments giving full answers, show as follows: Capital, \$1,927,875; value of raw material used, \$890,000; value of manufactured product, \$2,089,560; number of employees, 1,943; wages paid, \$644,612; other expenses, \$159,315, an employee to every \$992 of capital, with an average wages of \$331.45. Representing the capital by \$100, the raw material would be \$46, the product \$108, the wages \$36, and the other expenses \$8.

One hundred and twenty-three establishments, including those giving full answers, show as follows: Capital, \$1,949,575; raw material, \$904,435; and product, \$2,123,460. Representing the capital by \$100, the material would be \$46, and the product \$109, the ratio of material and product to capital varying but a trifle from those giving full answers.

One hundred and fifty-nine establishments, including all those before shown, give a capital of \$2,001,325, being an average of \$13,432. The whole number reported is 236; the proportional number in the State is 288, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this as per those giving full answers, shows for the whole State as follows: Number of establishments, 288; capital, \$3,868,416; value of raw material, \$1,779,471; value of manufactured product, \$4,177,889; number of employees, 2,750 (the number reported being 2,255); wages paid, \$981,750; and other expenses, \$225,500.

MANUFACTURERS—COOPER SHOPS.

TABLE No. XLVIII.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includ'g Taxes, Insurance, Repairs, etc.
Adams.....	8	\$500	\$200	\$900	2		\$30
Allen.....	13	6,500	24,700	36,055	39	\$12,750	360
Bartholomew.....	3	3,070	5,200	15,500	2	250	50
Blackford.....		200					
Boone.....	2	1,600	2,200	3,660	9	1,330	150
Carroll.....	5	500	1,500	4,400	2	1,160	
Cass.....	7	13,800	18,300	50,200	48	20,604	900
Clark.....	23	28,900	100,324	242,471	347	90,608	8,885
Clay.....	5	600	1,000	2,000	6	900	25
Clinton.....	6	2,700	3,700	7,200	8	2,400	1,200
Crawford.....	45	3,300	3,500	5,200	18	300	50
Daviess.....	3	3,100	150	4,900	21	6,000	
Dearborn.....	12	9,400	4,100	4,900	61		
Decatur.....	1	3,800				4,200	
DeKalb.....	5	200	200	700		200	
Delaware.....	5	3,550	50	65,200	25	9,100	
Dubois.....	17	3,400	1,300	8,100	8	1,182	150
Elkhart.....	8	400	750	1,625	3	350	75
Fayette.....	6	4,150	150	300			
Floyd.....	21	8,600	15,900	35,770	32	10,940	2,310
Fountain.....	4	125	1,000	1,700	1	250	
Franklin.....	14	4,500	1,600	3,200	5		
Gibson.....	4	150	300	800	2	600	
Grant.....	5	500	650	1,400	5		
Greene.....	4	500	350	1,200	3	200	
Hamilton.....	2	600	4,300	7,900	5	2,100	50
Hancock.....	1						
Harrison.....	31	4,575	4,600	11,850	45	4,000	25
Hendricks.....	3	800	1,200	1,900	5	100	
Henry.....	3	1,400	800	1,000	2	450	
Howard.....	1						
Jackson.....	6	800	2,050	6,650	12	3,700	
Jasper.....	2	100	125	450	2	75	
Jay.....	6	600	1,336	2,700	2	969	
Jefferson.....	10	3,150	14,100	23,500	37	7,960	660
Jennings.....	1		315		1		
Johnson.....	4	2,675	10,100	21,000	10	4,400	150
Knox.....	8	2,500	2,800	8,000	16	3,000	425
Kosciusko.....	4	975	1,200	2,500	7	1,400	100
Lagrange.....	3						
Laporte.....	4	1,800	1,150	2,410	8	575	
Lawrence.....	2						
Madison.....	4	450	1,100	1,700	4		
Marion.....	28	161,475	410,875	642,600	450	116,350	14,615
Martin.....	7	5,400	3,000	10,300	20	3,000	
Miami.....	6	5,390	1,105	4,585	9	120	
Monroe.....	8	350					
Montgomery.....	1	100					
Morgan.....	2	2,000	2,000	2,700	8	2,056	
Noble.....	6	5,300	8,700	15,998	17	5,378	
Ohio.....	3	500	500	2,500	2	800	
Orange.....	3						
Owen.....	3	1,100	2,100	3,650	4		
Parke.....	4	100	300	700	1	400	
Perry.....	32	5,425	6,000	13,500	4	2,000	400
Pike.....	2	300	100	200	1		
Porter.....	1	4,000	1,000	3,000	4	1,300	200
Posey.....	1						

TABLE No. XLVIII.—Continued.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployees.	Annual Wages Paid, including Superintendent's	Other Expenses, including Taxes, Insurance, Repairs, etc.
Putnam.....	1	\$1,500	\$5,000	\$11,000	10	\$4,800	.....
Randolph.....	7	1,350	1,300	3,900	4	1,300	\$220
Ripley.....	11	15,450	22,000	40,800	65	15,900	300
Rush.....	1	1,625	800	1,600	4	600	100
Scott.....	3	50	.....	.....	.....	.....	.....
Shelby.....	1	.....	.....	.....	1	.....	.....
Spencer.....	11	1,600	470	1,150	1	125	.....
St. Joseph.....	3	125	400	600	1	426	.....
Steuben.....	4	1,100	5,400	7,600	8	1,160	90
Sullivan.....	3	3,000	2,000	4,000	6	1,872	.....
Switzerland.....	10	3,600	1,700	3,450	4	1,200	125
Union.....	1	100	1,600	3,300	3	1,400	100
Vanderburgh.....	11	42,650	53,380	81,175	128	23,144	2,550
Vermillion.....	2	1,200	1,200	4,000	7	1,800	.....
Vigo.....	1	.....	.....	.....	.....	.....	.....
Wabash.....	2	150	100	300	.....	.....	.....
Warren.....	2	40	200	.....	1	100	.....
Warrick.....	4	750	2,100	3,925	6	400	.....
Washington.....	9	500	1,246	1,928	2	800	.....
Wayne.....	7	1,500	1,700	5,533	7	2,482	220
Wells.....	5	600	1,350	2,200	3	175	80
White.....	2	600	200	.....	.....	.....	.....
Whitley.....	2	.....	.....	.....	.....	.....	.....

NOTE.—One hundred and twelve establishments giving full answers, show as follows: Capital, \$301,550; value of raw material used, \$668,470; value of the manufactured product, \$1,192,107; number of employes, 1,102; wages paid, \$354,878; other expenses, \$33,655; an employe to every \$274 of capital, with annual wages at \$322.03. Representing the capital by \$100 the material will be \$222, the product \$395, the wages \$111, and the other expenses \$11.

One hundred and eighty-nine establishments, including those giving full answers, show as follows: Capital, \$323,275; raw material, \$696,205; product, \$1,255,342. Representing the capital by \$100 the material would be \$215, and the product \$388; the ratio of material to capital decreased about $3\frac{1}{4}$ per cent., and that of product to capital decreased less than 2 per cent. from those giving full answers.

Two hundred and thirty-seven establishments, including all those before mentioned, give as capital \$346,025, being an average of \$2,701 to each. The whole number reported is 530, proportional number in the State 646, which, multiplied by the average capital to each, and the other elements of the business adjusted on this as per those giving full answers, shows for the whole State as follows: Number of establishments, 646; capital, \$943,160; value of raw material, \$2,093,815; value of manufactured product, \$3,725,482; number of employes, 1,963—the whole number reported being 1,600; wages paid, \$632,186; other expenses, \$50,482.

MANUFACTURERS—HARNESS AND SADDLES.

TABLE No. XLIX.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintend'ce	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Adams.....	4	\$2,550	\$12,350	\$400	1		
Allen.....	14	21,100	35,000	80,500	46	\$23,300	\$4,810
Bartholomew.....	6	800	2,450	3,700	5	1,500	275
Benton.....	2	860	3,000	4,200	2	500	
Blackford.....	2	2,000	3,000	1,500	3	1,340	
Boone.....	4	2,000	4,800	15,300	10	5,000	3,000
Brown.....	1		700				
Carroll.....	3	200					
Cass.....	3	6,050	13,000	20,200	10	4,850	975
Clark.....	4	3,100	9,675	10,500	4	1,260	650
Clay.....	6	2,300	3,050	4,490	5	2,475	
Clinton.....	5	11,100	16,500	25,900	15	5,600	2,150
Davies.....	2	500	500	1,500	4	600	50
Dearborn.....	5	900	1,400	2,300	5	700	50
Decatur.....	10	1,900	1,920	3,540	2	475	60
DeKalb.....	7	9,450	7,050	10,775	5	2,174	840
Delaware.....	2	500	100	600	1	400	40
Dubois.....	7	6,650	2,600	7,000	2	350	150
Elkhart.....	2	420	1,000	1,549	2	450	
Fayette.....	3						
Floyd.....	5	12,000	15,000	23,800	1		1,100
Fountain.....	4	5,650	1,400	31,200	7	4,000	4,000
Franklin.....	8	3,250	1,430	1,100	1	150	200
Fulton.....	1	200					
Gibson.....	4						
Grant.....	3						
Greene.....	5	1,450	4,200	4,900	4		
Hamilton.....	5	5,200	6,000	12,000	4	1,200	400
Hancock.....	4	3,990	345	8,390	6	175	
Harrison.....	4	500	1,100	1,900	4		150
Hendricks.....	10	3,000	7,100	12,100	10	2,900	80
Henry.....	8	2,960	4,690	9,010	8	1,575	585
Howard.....	3	1,100	8,600	2,700	4		20
Huntington.....	1						
Jackson.....	4			15,500	10	4,600	575
Jay.....	10	3,500	6,900	17,600	7	1,600	
Jefferson.....	1	3,800	7,900	13,490	10	2,200	1,190
Jennings.....	3	1,000	600	1,000			400
Johnson.....	6	3,900	4,700	9,200	5	1,500	425
Knox.....	11						
Kosciusko.....	6	2,200	5,075	8,000	6	1,900	
Lagrange.....	4	2,000	4,500	6,000	6	2,000	1,000
Lake.....	2						
Laporte.....	3	750	250	400			
Lawrence.....	5	2,000					
Madison.....	10	5,000	8,000	14,900	9	3,690	620
Marion.....	26	26,275	64,750	139,500	75	27,725	4,135
Marshall.....	4	2,275	5,000	10,700	5	2,100	925
Martin.....	5	3,100	4,000	8,000	3	1,200	
Miami.....	6	6,500	2,000	18,000	9	1,000	100
Monroe.....	6	1,700					
Montgomery.....	2	350					
Morgan.....	6	50	2,500	3,600	3	300	
Newton.....	4	2,075	7,000		4	1,350	
Noble.....	9	5,100	15,825	27,600	20	5,854	1,215
Ohio.....	2	2,000	2,500	3,500	1	300	
Orange.....	2						
Owen.....	3	850	500	4,250	4	1,970	100

TABLE No. XLIX.—Continued.

COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintend'ce	Other Expenses, including Taxes, Insurance, Repairs, etc.
Parke.....	7	\$800	\$5,400	\$9,400	4	\$1,800	\$300
Perry.....	3						
Pike.....	2	360	370	550	1	40	
Pulaski.....	3	1,200	1,000	2,000	3	1,500	
Putnam.....	6	5,000	16,000	22,000	8	3,100	620
Randolph.....	5	6,200	8,650	17,000	8	3,120	475
Ripley.....	4	1,000	325	1,075	4	300	
Rush.....	7	2,900	3,900	8,950	6	1,450	
Scott.....	1						
Shelby.....	3	1,350	2,500	3,500	1	300	
Spencer.....	5	2,100	400	700	1		
Steuben.....	8	4,220	8,300	14,000	6	2,400	50
St. Joseph.....	2	400					
Sullivan.....	8	4,800	6,900	13,200	4	1,400	50
Switzerland.....	2	1,000	300	500		200	100
Tippecanoe.....	1	500	600	1,000	1	150	75
Tipton.....	1	300	500	500	1	150	75
Union.....	2	1,600	7,000	10,500	4	1,400	100
Vanderburgh.....	12	104,350	153,266	227,235	97	41,416	14,575
Vermillion.....	3	500	1,000	1,500	1	500	100
Wabash.....	2	1,000					
Warren.....	2	800	1,900	3,000	1		500
Warrick.....	6	750	1,350	1,800	1	60	46
Washington.....	6	1,950	2,900	5,900	5		
Wayne.....	11	7,600	30,612	73,915	52	20,337	1,025
Wells.....	3	200	250	350	1		
White.....	6	500					
Whitley.....	5	1,200	3,900	6,000	6	1,575	100

NOTE.—One hundred and forty-one establishments, giving full answers, show as follows: Capital, \$283,385; raw material used, \$451,696; manufactured product, \$834,011; number of employes, 442; wages paid, \$177,035; other expenses, \$48,706. An employe to every \$641 of capital; average wages to each, \$100.53. Representing the capital by \$100, the material would be \$159, the product \$294, wages \$62, and other expenses \$17.

Two hundred and forty-five establishments, including those before noted, show as follows: Capital, \$332,525; raw material, \$540,788; product, \$986,840. Representing the capital by \$100, the material would be \$163, and the product \$297, varying but a trifle from those giving full answers.

Three hundred and thirteen establishments, including all those before shown, give a capital of \$365,970, or an average of \$1,169 to each. The whole number reported is 424, and the proportional number for the State 517, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this, as per those giving full answers, shows for the whole State as follows: Number of establishments, 517; capital, \$604,373; value of raw material, \$960,953; value of product, \$1,776,856; number of employes, 717 (the reported number being 588); annual wages paid, \$286,800; other expenses, \$79,009.

MANUFACTURERS—CIGARS.

TABLE No. L.

CITIES.	COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em- ployes.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includ'g Taxes, Insurance, Re- pairs, etc.
Anderson.....	Madison.....	1	\$1,000	\$3,500	\$12,000	13	\$3,900	\$160
Attica.....	Fountain.....	1	3,000	2,000	5,000	2	1,000	300
Bloomington.....	Monroe.....	2	800	.....	.....	.....	.....	.....
Bluffton.....	Wells.....	2	2,000	18,000	30,000	24	12,600	.....
Brazil.....	Clay.....	1	300	200	1,500	1	600	.....
Connorsville.....	Fayette.....	2	25,000	55,000	70,000	40	13,000	2,000
Evansville.....	Vanderburgh.....	22	61,525	52,650	102,100	62	25,176	15,300
Fort Wayne.....	Allan.....	12	21,000	47,500	115,725	99	34,600	16,600
Frankfort.....	Clinton.....	1	800	2,700	6,200	4	1,275	600
Greencastle.....	Putnam.....	1	1,000	800	3,000	4	805	530
Indianapolis.....	Marion.....	51	32,275	66,495	198,550	138	45,155	8,125
Jeffersonville.....	Clark.....	4	1,300	3,200	6,100	5	2,800	300
Kendallville.....	Noble.....	1	600	600	1,300	2	550	200
Kokomo.....	Howard.....	1	1,500	.....	.....	2	432	.....
Logansport.....	Cass.....	5	4,250	12,626	25,080	17	4,828	2,723
Madison.....	Jefferson.....	1	1,000	6,350	8,800	3	1,450	1,100
Muncie.....	Delaware.....	1	500	.....	3,000	2	1,040	.....
New Albany.....	Floyd.....	16	22,000	20,000	66,666	48	19,200	7,800
Peru.....	Miami.....	1	3,000	.....	12,000	5	.....	.....
Richmond.....	Wayne.....	9	6,850	20,700	53,700	42	20,660	3,050
Rising Sun.....	Ohio.....	3	3,500	5,000	8,000	7	2,000	.....
Seymour.....	Jackson.....	2	450	500	1,700	2	900	.....
Union City.....	Randolph.....	2	2,200	7,500	12,000	14	2,500	350
Vevay.....	Switzerland.....	2	2,500	1,000	2,000	8	2,000	(?) 5,000
Warsaw.....	Kosciusko.....	2	13,500	8,250	10,840	12	3,000	270
<i>Incorporated Towns.</i>	<i>Counties.</i>							
Auburn.....	DeKalb.....	1	400	300	2,027	1	362	30
Bowling Green.....	Clay.....	1	350	.....	.....	.....	.....	.....
Crown Point.....	Lake.....	3	2,000	1,250	3,600	8	2,000	275
East Connorsville.....	Fayette.....	1	.....	.....	.....	.....	.....	.....
Jasper.....	Dubois.....	2	.....	.....	.....	.....	.....	.....
Laurel.....	Franklin.....	1	400	500	1,500	1	.....	.....
Ligonier.....	Noble.....	1	400	350	1,400	1	550	65
Monticello.....	White.....	1	.....	.....	.....	.....	.....	.....
Portland.....	Jay.....	1	150	1,000	2,000	2	400	.....
Silver Lake.....	Kosciusko.....	1	.....	.....	.....	.....	.....	.....
Syracuse.....	Kosciusko.....	1	400	.....	.....	.....	.....	.....
Tell City.....	Perry.....	5	150	.....	.....	.....	.....	.....
Versailles.....	Ripley.....	2	600	200	400	3	.....	.....
<i>Townships.</i>	<i>Counties.</i>							
Center.....	Delaware.....	1	1,000	.....	3,000	2	1,040	.....
Center.....	Grant.....	1	.....	.....	.....	.....	.....	.....
Jackson.....	Hamilton.....	1	100	63	750	1	200	363
Anderson.....	Madison.....	1	1,000	3,500	12,000	13	3,900	150
Laughery.....	Ripley.....	3	6,000	8,000	20,000	5	.....	.....

NOTE.—One hundred and forty establishments, giving full answers, show as follows: Capital invested, \$203,700; raw material used, \$315,334; value of manufactured product, \$717,838; number of employes, 537; annual wages paid, \$188,911; other expenses of the business, \$64,281; an employe to every \$379.33 of capital, with average wages at \$351.80. Representing the capital by \$100, the material would be \$154.80, the product \$352.40, the wages \$92.74, and the other expenses \$31.56.

One hundred and fifty-five establishments, including those giving full answers, show as follows: Capital, \$217,050; material, \$348,734; and product, \$782,938. Representing the capital by \$100, the material would be \$160.67, and the product \$360.72, the ratio of material to capital increasing $3\frac{3}{4}$ per cent., and that of product to capital $2\frac{1}{2}$ per cent. from those giving full answers.

One hundred and sixty-six establishments, including all those before mentioned, give as capital \$221,250, being an average of \$1,337.83 to each. The whole number of establishments reported is 174. The proportional number for the State is 212, which, multiplied by the average capital to each, and the other elements of the business adjusted on this product as per those giving full answers, will show for the whole State as follows: Number of establishments, 212; capital, \$283,620; value of material used, \$439,611; value of manufactured product, \$999,477; number of employes, 655; wages paid, \$230,429; other expenses, \$89,510.

MANUFACTURERS—COTTON MILLS.

TABLE No. LI.

COUNTIES, CITIES, TOWNS AND TOWNSHIPS.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Em- ployees.	Annual Wages Paid, including Superint'ence.	Other Expenses, including Taxes, Insurance, Re- pairs, etc.
<i>Vanderburgh County—</i>							
City of Evansville.....	1	\$250,000	\$250,000	\$450,000	302	\$81,500	\$12,000
Perry Township.....	1	250,600	400,000	800,000	100	30,000	1,000
<i>Perry County—</i>							
Town of Cannelton.....	1	.....	.....	.....	.....	.....	.....
<i>Marion County—</i>							
City of Indianapolis.....	1	150,000	.....	50,000	38	12,000	.....
<i>Floyd County—</i>							
City of New Albany.....	1	100,000	87,000	144,000	45	21,000	14,400

NOTE.—This line has a very short range on which to base an estimate of the whole number and extent of their business. While some of the returns seem to be improbable and inconsistent, they are the work of the men whose reports as a whole were the best that came to the Bureau. As the whole number reported to the Bureau is published, the examiner can see that three establishments, giving full answers, show as follows: Capital invested, \$600,000; value of the material used, \$737,000; value of the manufactured product, \$1,394,000; number of employes, 447; annual wages paid, \$132,500; other expenses, \$27,400. An employe to every \$1,342.28, with average annual wages at \$296.42. Representing the capital by \$100, the material would be \$122.83, the product \$232.33, wages \$22, and other expenses \$4.50.

The ratio of material and product to capital can not be compared from two different standpoints in this as in other lines having a long range of answers.

Five establishments, including those giving full answers, show as capital \$750,000, or an average of \$187,500 to each. The whole number reported is 5. The proportional number for the State is 6, which, being multiplied by the average to each, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the whole State as follows: Number of establishments, 6; capital invested, \$1,125,000; value of material used, \$1,383,750; value of manufactured product, \$2,613,750; number of employes, 591; annual wages paid, \$175,184; other expenses, \$50,625.

MANUFACTURERS—FIRE BRICK.

TABLE No. LII.

TOWNS AND TOWNSHIPS.	COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Town of Jasper	Dubois.....	3						
Town of Winnamac	Pulaski.....	2	\$500	\$200	\$2,000	8	\$1,500	
Brazil Township.....	Clay.....	1	800	200	1,200	5	400	
Sand Creek Township	Decatur.....	1						
Clinton Township	Elkhart.....	1	600		1,000	5	400	
Ray Township.....	Franklin.....	1	1,000					
Richland Township	Fulton.....	1	3,000	75	2,500	9	1,000	\$200
Liberty Township.....	Hendricks	1						
Henry Township.....	Henry.....	2			30,000	10	17,000	8,000
Redding Township.....	Jackson.....	1						
West Township.....	Marshall.....	1						
Greene Township.....	Morgan.....	2	200		1,000	10	150	
Greene Township.....	Noble.....	1						
Orange Township.....	Noble.....	2	200	300	8,000			
Nettle Creek Township.....	Randolph.....	1	100	50	500		100	20
Helt Township.....	Vermillion.....	1	4,000					

NOTE.—This line is not estimated on the basis of those giving full answers, as in other cases, but the average is made on the greatest number of answers to any question.

Representing the capital by \$100, the value of the material used would be \$17.93, the value of manufactured product \$300, the wages paid \$68, and the other expenses \$7.

The estimate for the State, without giving the details, is as follows: Number of establishments; 27; capital invested, \$23,400; value of material used, \$4,186; value of manufactured product, \$70,200, number of employees, 57; annual wages paid, \$24,800; other expenses, \$1,638.

The Bureau confesses to a large degree of skepticism as to the truth of some of these returns.

MANUFACTURERS—BLAST FURNACES.

TABLE No. LIII.

CITIES.	COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Brazil.....	Clay.....	1	\$85,000					
New Haven.....	Allen.....	79						
New Ross.....	Montgomery	23	500					
Winnamac.....	Pulaski.....	1	1,000	\$200	\$500	2	\$500	

NOTE.—The returns in this line are so meagre and unsatisfactory that no estimate can be ventured

MANUFACTURERS—GAS WORKS.

TABLE No. LIV.

CITIES.	COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Anderson.....	Madison.....	1	\$20,100	\$2,000	\$6,050	5	\$3,000	\$800
Connersville.....	Fayette.....	1	.....	.....	.....	.....	.....	.....
Crawfordsville.....	Montgomery...	1	20,000	2,000	.....	5	2,180	.....
Fort Wayne.....	Allen.....	1	125,000	10,000	35,000	20	15,000	5,000
Goshen.....	Elkhart.....	1	10,000	.....	.....	3	1,500	1,500
Jeffersonville.....	Clark.....	1	25,000	.....	.....	5	.....	.....
Indianapolis.....	Marion.....	2	900,000	.....	202,000	160	85,500	.....
Logansport.....	Cass.....	1	80,000	6,100	18,300	7	4,059	675
Madison.....	Jefferson.....	1	75,000	.....	12,000	6	3,400	5,500
New Albany.....	Floyd.....	1	80,000	6,000	20,000	15	8,400	1,000
Peru.....	Miami.....	1	40,000	4,000	7,000	.....	5,000	1,000
Richmond.....	Wayne.....	1	100,000	10,000	28,000	9	6,500	2,500
Vincennes.....	Knox.....	1	.....	.....	.....	.....	.....	.....
Center Tp. (Marion)	Grant.....	1	.....	.....	.....	.....	.....	.....
Canuelton.....	Perry.....	1	.....	.....	.....	.....	.....	.....

NOTE.—Five establishments giving full answers, show as follows: Capital invested, \$405,100; value of the material used, \$34,100; value of manufactured product, \$107,350; number of employees, 56; annual wages paid, \$36,959; other expenses, \$9,975; an employe to every \$7,234, with average wages at \$659.98. Representing the capital by \$100 the material would be \$8.41, the product \$26.43, the wages \$9.00, and other expenses \$2.46.

Six establishments, including those giving full answers, show as follows: Capital, \$445,100; value of material used, \$38,100; value of manufactured product, \$114,350. Representing the capital by \$100 the material would be \$9.44, and the product \$22.41. The ratio of material to capital increased 12.25 per cent., and that of product decreased 7.70 per cent. from those giving full answers. (This particular comparison has but little value.)

Eleven establishments, including those before mentioned, show as capital \$1,475,100, or an average of \$134,100 to each. The whole number reported is 14; the proportional number for the State is 17, which, being multiplied by the average capital, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the State as follows: Number of establishments, 17; capital, \$2,279,700; value of material used, \$191,722; value of manufactured product, \$103,665; number of employees, 236; annual wages paid, \$198,760; other expenses, \$56,081.

MANUFACTURERS—BARREL FACTORIES.

TABLE No. LV.

CITIES.	COUNTIES.	No. Establishments.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Attica.....	Fountain.....	2	\$200	\$1,500	\$2,600	5	\$1,500	\$300
Bluffton.....	Wells.....	1	1,500	10,000	50,000	.....	.....	.....
Brazil.....	Clay.....	2	1,500	2,500	4,000	6	2,500	.....
Fort Wayne.....	Allen.....	1	2,000	1,000	3,500	5	1,500	100
G.eencastle.....	Putnam.....	1	3,000	2,000	11,752	20	7,200	500
Logansport.....	Cass.....	1	10,000	10,000	33,000	40	20,800	.....
Madison.....	Jefferson.....	.....	15,000	7,000	15,000	35	6,000	300
New Albany.....	Floyd.....	1	5,500	10,000	18,000	10	4,000	600
Richmond.....	Wayne.....	2	500	2,000	10,000	10	4,000	1,000
Vincennes.....	Knox.....	3	3,000	20,000	18,000	20	5,500	1,000
<i>Incorporated Towns.</i>	<i>Counties.</i>							
Angola.....	Steuben.....	4	15,000	10,000	17,000	20	11,000	.....
Cannelton.....	Perry.....	2	.....	.....	.....	.....	.....	.....
Carthage.....	Rush.....	1	.....	.....	.....	3	.....	.....
Centerville.....	Wayne.....	1	500	500	1,500	2	750	.....
Charlestown.....	Clark.....	2	.....	.....	.....	.....	.....	.....
Clarksville.....	Hamilton.....	1	50	15	.....	1	600	.....
Decatur.....	Adams.....	1	4,000	.....	.....	.....	.....	.....
Dunkirk.....	Jay.....	1	.....	.....	.....	.....	.....	.....
Eaton.....	Delaware.....	1	.....	.....	.....	3	.....	.....
Elizabeth.....	Harrison.....	1	1,000	10,000	20,000	18	4,000	5,000
Elizabethtown.....	Bartholomew.....	1	20	.....	.....	1	50	50
Gosport.....	Owen.....	1	2,500	1,000	2,500	9	500	.....
Hagerstown.....	Wayne.....	1	1,000	2,000	4,000	.....	500	.....
Hartford City.....	Blackford.....	1	200	100	.....	.....	.....	.....
Lanesville.....	Harrison.....	1	1,000	1,000	5,000	5	1,500	.....
Mitchell.....	Lawrence.....	1	200	.....	.....	.....	.....	.....
Patriot.....	Switzerland.....	1	2,000	.....	.....	.....	.....	.....
Spencer.....	Owen.....	1	.....	.....	.....	.....	.....	.....
Sullivan.....	Sullivan.....	1	1,000	.....	.....	.....	.....	.....
Tell City.....	Perry.....	1	3,000	.....	.....	.....	.....	.....
Winamac.....	Pulaski.....	2	500	300	.....	4	300	.....

NOTE.—Ten establishments giving full answers show as follows: Capital, \$7,900; value of material used, \$18,500; value of the manufactured product, \$65,852; number of employees, 78; annual wages paid, \$23,700; other annual expenses, 7,900; an employe to every \$101.28 of capital, with average wages at \$304.00. Representing the capital by \$100, the material would be \$234.05, the product \$833.57, the wages \$300, and the other expenses \$100.

Forty-one establishments, including those giving full answers, show as capital \$32,300, or an average of \$790 to each, which, multiplied by the estimated number for the State, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the whole State as follows: Number of establishments, 50; capital employed, \$39,500; value of material used, \$92,430; value of manufactured product, \$323,035; number of employees, 264; annual wages paid, \$80,256; other expenses, \$26,738.

There were none showing capital, material and product alone, hence no comparison.

MANUFACTURERS—POTTERIES.

TABLE No. LVI.

CITIES.	COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Attica.....	Fountain.....	1						
Brazil.....	Clay.....	1	\$4,000	\$1,500	\$5,000	4	\$1,600	
Evansville.....	Vanderburgh...	2	5,400	1,800	21,600	10	2,644	\$1,200
Ft. Wayne.....	Allen.....	1	1,000	500	2,000	1	500	100
Indianapolis.....	Marion.....	1						
Jeffersonville.....	Clarke.....	1	2,000	1,000	3,700	3	975	600
New Albany.....	Floyd.....	1	3,500	2,000	8,500	4	1,600	1,500
Richmond.....	Wayne.....	2	1,200	1,200	6,500	5	2,000	600
<i>Incorporated Towns.</i>	<i>Counties.</i>							
Cannelton.....	Perry.....	1						
Crownpoint.....	Lake.....							
Georgetown.....	Floyd.....	1	40	20	150			10
Huntingburgh.....	Dubois.....	1	700	200	1,000	2	300	
Loogootee.....	Martin.....	1	1,100			3		
Martz.....	Clay.....	1	400	350		6		
Port Fulton.....	Clarke.....	1	2,000	500	3,000	10	2,800	200
Putnamville.....	Putnam.....	1	500	200	1,500	3	400	
Rockville.....	Parke.....	2	260	850	3,800	4	600	75
Troy.....	Perry.....	2	2,000	500	1,800	3	450	175
<i>Townships.</i>	<i>Counties.</i>							
Harrison.....	Glay.....	1	500	300	1,000	2	500	
Van Buren.....	Clay.....	2	1,000					
Sand Creek.....	Decatur.....	2						
Patoka.....	Dubois.....	1	200	100	1,000	1	400	
Beech Creek.....	Greene.....	1	300	400	1,200	3	300	
Center.....	Greene.....	1	250					
Taylor.....	Greene.....	1	500	300	1,200	4	600	
Seward.....	Kosciusko.....	1	600					
Halbert.....	Martin.....	1	600	200	5,000	4	800	
Perry.....	Martin.....	2	2,000		6,000	6		
Penn.....	Parke.....	2	2,000	1,000	4,000	7	2,100	200
Reserve.....	Parke.....	1						
Warren.....	Putnam.....	2	2,000	500	1,500			
Washington.....	Wayne.....	1						
Wayne.....	Wayne.....	1	4,500	1,000	5,500	6	1,500	300
Richland.....	Whitley.....	4						

NOTE.—Fourteen establishments, giving full answers, show as follows: Capital employed, \$19,360; value of material used, \$8,450; value of the manufactured product, \$54,900; number of employes, 47; annual wages paid, \$13,619; other expenses, \$4,650. An employe to every \$411.91 of capital, with average wages at \$289.76. Representing the capital by \$100, the material would be \$43.64, the product \$283, the wages \$70.34, and the other expenses \$24.

Twenty-five establishments, including those giving full answers, show as follows: Capital, \$28,700; material, \$12,170; and product, \$72,440. Representing the capital by \$100, the material would be \$42.40, and the product \$218. The ratio of material to capital decreased 2.84 per cent., and that of

product to capital decreased 22.97 per cent. from those giving full answers. The limited number of returns renders this comparison of little value.

Thirty-three establishments, including all those before mentioned, show as capital \$34,050, or an average of \$1,031.82 to each. The whole number of establishments reported is 46. The proportional number for the State is 55, which, being multiplied by the average to each, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the whole State as follows: Number of establishments, 55; capital invested, \$56,750; value of material used, \$24,765; value of manufactured product, \$160,602; number of employes, 111; annual wages paid, \$32,163, and other expenses, \$13,620.

MANUFACTURERS—CEMENT.

TABLE No. LVII.

CITIES.	COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployes.	Annual Wages Paid, including Superint'ence.	Other Expenses, includ'g Taxes, Insurance, Repairs, etc.
Bloomington	Monroe ?	1	\$1,000	.....	.....	.....	.....	.....
Tell City.....	Perry	1	2,000	\$500	\$1,200	6	\$1,000	.....
Jeffersonville	Clark	3	60,000	.....	45,000	.....	.....	.....
Silver Creek.....	Clark	3	80,000	.....	100,000	60	.....	.....
Utica.....	Clark	1	20,000	.....	12,000	20	3,000	\$4,900

NOTE.—Omitting some of the details, which are not numerous in this line, and representing the capital by \$100, the material would be \$25, the product \$104, the wages \$18, and the other expenses \$24.50.

The estimate for the whole State is as follows: Number of establishments, 11; capital employed, \$187,000; value of the material used, \$16,750; value of the manufactured product, \$194,480; number of employes, 105; annual wages paid, \$16,153; other annual expenses, \$39,083.

MANUFACTURERS—MACHINE WORKS.

TABLE No. LVIII.

CITIES AND INCORPORATED TOWNS.	COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
City of Anderson.....	Madison.....	2	\$50,500	\$14,000	\$44,500	34	\$13,456	\$850
City of Bluffton.....	Wells.....	2	30,000	40,000	120,000	40	.....	.....
City of Evansville.....	Vanderburgh.....	6	100,500	89,050	192,600	35	17,808	7,555
City of Fort Wayne.....	Allen.....	6	.....	.....	.....	.....	.....	.....
City of Greencastle.....	Putnam.....	1	15,000	5,000	15,000	12	8,000	150
City of Indianapolis.....	Marion.....	17	969,550	608,150	1,415,200	859	428,735	83,100
City of Madison.....	Jefferson.....	.....	600	2,500	4,200	1	600	250
City of New Albany.....	Floyd.....	1	100,000	50,000	175,000	60	35,000	30,000
City of Richmond.....	Wayne.....	4	181,000	68,000	202,000	142	69,000	23,000
City of Seymour.....	Jackson.....	3	16,400	50,550	61,900	73	5,484	1,050
City of Union City.....	Randolph.....	1	5,450	2,730	5,273	6	1,054	350
City of Vincennes.....	Knox.....	3	.....	.....	.....	.....	.....	.....
Town of Cannelton.....	Perry.....	1	.....	.....	.....	.....	.....	.....
Town of Rockville.....	Parke.....	1	6,000	500	2,000	1	400	200
Town of Rockport.....	Spencer.....	1	500	.....	.....	.....	.....	.....
Town of Tell City.....	Perry.....	1	7,500	.....	.....	.....	.....	.....

NOTE.—Thirty-seven establishments, giving full answers, show as follows: Capital invested, \$1,445,000; value of material used, \$890,000; value of manufactured product, \$2,117,673; number of employes, 1,223; annual wages paid, \$579,537; other annual expenses, \$146,505; an employe to every \$36,170.73 of capital, with average wages at \$473.87. Representing the capital by \$100, the material would be \$61.62, the product \$146.50, the wages \$40, and the other expenses \$10.13.

Thirty-nine establishments, including those giving full answers, show as follows: Capital, \$1,475,000; material used, \$930,000; manufactured product, \$2,237,673. Representing the capital by \$100, the material would be \$63.72, and the product \$151.70; the ratio of material to capital increased 3.41 per cent., and that of product to capital increased 3.43 per cent. from those giving full answers.

Forty-one establishments, including all those before mentioned, show as capital \$1,483,000, or an average of \$36,170.73 to each. The whole number of establishments reported is 50; the proportional number for the State is 61, which, being multiplied by the average capital to each, and the other elements of the business adjusted upon this product, as per those giving full answers, shows for the whole State as follows: Number of establishments, 61; capital employed, \$2,206,414; value of material used, \$1,359,141; value of manufactured product, \$3,232,396; number of employes, 1,540; annual wages paid, \$729,760; other expenses, \$222,848.

MANUFACTURERS—DISTILLERIES.

TABLE No. LIX.

TOWNS AND TOWNSHIPS.	COUNTIES.	No. Establishm ^{ts}	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Employees.	Annual Wages Paid, including Superint ^{ance} .	Other Expenses, including Taxes, Insurance, Re- pairs, etc.
*Town of Greendale	Dearborn.....	3	.....	\$300,000	\$381,700	55	\$14,760	\$7,982
*Guthrie Township..	Lawrence.....	1	\$1,000	500	6,000	4	320	10
*Patriot Township..	Switzerland.....	1	30,000	.....	.....	.....	.....	.....
†Town of Tell City..	Perry.....	3	4,000	3,000	5,000	4	1,200	.....
*Union Township..	Parke.....	1	.....	5,000	.....	.....	.....	.....
*Addison Township	Shelby.....	1	30,000	75,000	140,000	10	6,000	2,000
*White River Tp....	Gibson.....	1	.....	.....	.....	.....	.....	.....
†Sterling Township	Crawford.....	2	1,500	500	2,000	4	200	.....
†Georgetown Tp....	Floyd.....	2	700	500	1,000	.....	.....	.....
†Franklin Tp.....	Harrison.....	2	4,000	2,000	8,000	.....	.....	.....
†Orangeville Tp....	Orange.....	1	200	150	400	1	.....	.....
†Town of Troy.....	Perry.....	1	300	148	200	.....	.....	.....

* Whisky. † Apple Brandy.

NOTE.—This list being so short, and so few giving full answers, the estimates could not be made in the ordinary way. Each element of the business is obtained by averaging the whole number of answers to the question representing any particular element. It probably does not differ materially from what it would have shown had all given full answers. Representing the capital by \$100, the material used would be \$243, the manufactured product \$343, the wages \$13, and the other expenses \$6.49. Estimated for the State, except the one at Terre Haute, as follows: Number of establishments, 24; capital employed, \$232,512; value of material used, \$565,004; value of manufactured product, \$797,516; number of employees, 95; annual wages paid, \$29,023; other expenses, \$14,881.

The city of Terre Haute did not report, but the large distillery at that place is elsewhere shown, and is so out of proportion to any other that an average including it would make the estimate for the State much too large, and an average which does not include it would show the business for the whole State to be only about one-half what that one alone represents. The estimate, plus the one at Terre Haute, would show the probable business for the State as follows: Number of establishments, 25; capital employed, \$482,512; value of the material used, \$1,021,004; value of the manufactured product, \$2,547,516; number of employees, 215; annual wages paid, \$94,023; other expenses, \$87,381.

MANUFACTURERS—COAL MINES.

TABLE No. LX.

CITIES, TOWNS AND TOWNSHIPS.	COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Em- ployes.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includ'g Taxes, Insurance, Re- pairs, etc.
City of Evansville..	Vanderburgh...	3	\$68,550		\$150,817	185	\$60,634	\$18,903
Town of Jasper.....	Dubois	2						
Town of Sullivan....	Sullivan	1						
Town of Troy.....	Perry	1	300	\$400	700			
Town of Brazil.....	Clay	8	64,000	20,000	240,000	400	188,000	15,000
Dick Johnson Tp....	Clay	1	15,000		7,500		6,000	
Harrison Township	Clay	1	10,000			20	6,000	
Jackson Township..	Clay	9						
Lewis Township....	Clay	3	300					
Perry Township....	Clay	1						
Posey Township....	Clay	5	25,000	48,000	100,000	250	65,000	5,000
Van Buren T'nship.	Clay	16	1,600,000					
Johnson Township..	Crawford	1	100,000					
Barr Township.....	Daviess	2						
Washington Tp....	Daviess	3	100,000			400	120,000	
Jefferson Township.	Dubois	1						
Shawnee Township.	Fountain	1	400					
Mill Creek T'nship.	Fountain	1						
Van Buren T'nship.	Fountain	2						
Wabash Township..	Fountain	3	200,000				5,000	
Columbia Township	Gibson	2	250					
Center Township...	Greene	1						
Jackson Township..	Greene	4	200		2,000	25	1,700	
Jefferson Township.	Greene	6						
Richland Township	Greene	6			2,000			
Stockton Township.	Greene	4	800				1,500	
Taylor Township...	Greene	3	1,000					
Vigo Township.....	Knox	2	10,000		20,000	250	15,000	
Widner Township...	Knox	1						
Baker Township....	Martin	1						
Lost River T'nship.	Martin	7			500	7		
McCameron Tp....	Martin	1						
Perry Township....	Martin	1	500			4		
Jefferson Township.	Owen	5				15		
Adams Township...	Parke	2	3,500				3,500	400
Florida Township..	Parke	4	6,000			58	13,572	
Jackson Township..	Parke	2						
Raccoon Township.	Parke	5			1,000			
Sugar Creek Tp....	Parke	3				3		
Washington Tp....	Parke	7	129,000		62,060	84		
Oil Township.....	Perry	1		200				
Troy Township....	Perry	10	40,000		50,000	75		
Logan Township...	Pike	2						
Monroe Township..	Pike	10	300		1,000	20	200	30
Patoka Township...	Pike	2						
Washington Tp....	Pike	4	300	75,000	75,000	8	3,000	
Carter Township...	Spencer	6	600	500	3,600	6	800	600
Clay Township....	Spencer	10				10		
Grass Township...	Spencer	1	10,000			25	8,000	
Harrison Township	Spencer	4			200			
Huff Township....	Spencer	8						
Curry Township...	Sullivan	2	25,000		40,000			
Hamilton T'nship..	Sullivan	2	6,000	200		10	3,120	
Jefferson Township.	Sullivan	1	100		600	2		
Perry Township....	Vanderburgh	1	3,000		40,000	300	20,000	2,000
Pigeon Township...	Vanderburgh	1	6,000		21,000	35	5,400	200
Clinton Township...	Vermillion	6	1,500	500	10,000	40	6,000	100
Eugene Township...	Vermillion	2	600					

TABLE No. LX.—Continued.

CITIES, TOWNS AND TOWNSHIPS.	COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendent's.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Helt Township.....	Vermillion.....	3				10		
Lost Creek Tp.....	Vigo.....	2	\$300	\$200	\$2,400	5	\$1,200	\$150
Nevins Township....	Vigo.....	5	50,000		100,000	150	75,000	15,000
Steuben Township..	Warren.....	1	200					
Hart Township.....	Warrick.....	1	75	100				
Ohio Township.....	Warrick.....	2						
Owen Township....	Warrick.....	2						
Pigeon Township...	Warrick.....	2						

NOTE.—Twenty-seven mines, giving full answers, show as follows: Capital invested, \$91,400; value of material used, \$69,200; value of manufactured product, \$336,000; number of employees, 301; annual wages paid, \$261,000; other expenses, \$20,850; an employe to every \$2,682.72 of capital, with average wages at \$867.10. Representing the capital by \$100, the material would be \$75.71, the product \$389.60, the wages \$274.62, and the other expenses \$22.80.

The additional five mines answering to capital, material and product, give as capital \$600, as material \$75,400, and the product \$75,700; the former being so absurdly small, and the two latter amounts so improbably large as to make the comparison ridiculous, hence the ordinary comparison is omitted.

One hundred and forty-one mines, including those giving full answers, show as capital \$3,309,175, or an average of \$23,469 to each. The whole number reported is 225; the proportional number for the whole mining region of the State is 274, which, being multiplied by the average capital to each, and the other elements of the business adjusted as per those giving full answers, shows for the whole mining region of the State as follows: Number of mines, 274; capital employed, \$6,430,506; value of material used, \$4,868,536; value of manufactured product, \$25,046,820; number of employees, 2,397; annual wages paid, \$2,534,533; other expenses, \$1,466,155.

MANUFACTURERS—SEWER PIPE.

TABLE No. LXI.

COUNTIES AND CITIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendent's.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Allen County— Fort Wayne.....	1	\$5,000	\$2,000	\$5,000	3	\$1,500	\$400
Cass County— Logansport.....	1	5,000	2,000	10,000	5	3,650	5,000
Marion County— Indianapolis.....	1						
Parke County— Montezuma.....	2	4,000	30,000	50,000	18	5,000	

NOTE.—Representing the capital by \$100, the value of the material used would be \$243, the value of the product \$484, the wages paid \$72, and the other expenses \$54.

The following, omitting details, is the estimate for the State: Number of establishments, 6; capital employed, \$21,000; value of material used, \$51,030; value of manufactured product, \$97,040; number of employees, 32; annual wages paid, \$12,480; other expenses, \$11,340.

MANUFACTURERS—COFFINS.

TABLE No. LXII.

COUNTIES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployees.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includ'g Taxes, Insurance, Repairs, etc.
Allen.....	3	\$2,050	350	500	.....	.....	150
Bartholomew.....	2	800	200	300	1	600	275
Brown.....	2	.....	.....	.....	.....	.....	.....
Carroll.....	3	650	800	.....	1	.....	.....
Cass.....	2	1,000	2,000	300	.....	.....	.....
Clark.....	3	1,000	2,500	5,200	2	775	200
Clay.....	4	300	50	.....	.....	.....	.....
Clinton.....	2	500	.....	.....	1	.....	.....
Crawford.....	2	100	250	500	1	.....	.....
Davless.....	1	500	150	800	1	.....	.....
Dearborn.....	3	100	500	700	1	.....	.....
Decatur.....	1	.....	.....	.....	.....	.....	.....
Delaware.....	1	300	50	500	.....	.....	.....
Dubois.....	5	900	800	700	2	.....	.....
Elkhart.....	3	150	275	484	1	100	.....
Fayette.....	3	60,000	.....	.....	2	.....	.....
Floyd.....	6	30,500	29,700	61,800	23	10,000	12,160
Fountain.....	3	300	.....	.....	.....	.....	.....
Franklin.....	5	900	400	200	2	.....	.....
Grant.....	6	300	100	500	2	50	.....
Greene.....	4	1,320	2,050	4,400	6	750	50
Hamilton.....	.....	1,200	.....	.....	4	1,200	.....
Hancock.....	1	300	50	175	.....	.....	.....
Harrison.....	7	1,000	650	1,250	1	500	.....
Hendricks.....	5	1,150	700	1,600	1	500	.....
Henry.....	1	200	.....	.....	1	.....	.....
Jay.....	3	900	300	250	2	.....	.....
Jefferson.....	1	200	100	200	.....	.....	25
Jennings.....	2	300	150	225	2	.....	.....
Johnson.....	2	700	200	.....	.....	.....	.....
Knox.....	1	.....	.....	.....	.....	.....	.....
Kosciusko.....	7	4,500	.....	.....	6	1,100	250
Lake.....	1	100	15	200	1	.....	.....
Lawrence.....	5	600	.....	.....	1	.....	.....
Madison.....	1	150	100	400	.....	.....	.....
Marion.....	2	22,000	.....	32,000	.....	.....	.....
Martin.....	3	1,350	300	1,200	5	600	.....
Monroe.....	4	2,100	100	.....	.....	.....	.....
Montgomery.....	1	60,000	35,000	?15,000	50	24,000	5,000
Morgan.....	1	100	100	200	1	.....	.....
Noble.....	2	50	20	300	.....	.....	.....
Orange.....	6	200	50	100	2	.....	.....
Owen.....	4	450	150	150	3	.....	.....
Parke.....	4	50	.....	600	3	100	.....
Perry.....	1	500	.....	.....	.....	.....	.....
Pike.....	6	350	.....	500	1	300	.....
Posey.....	1	.....	.....	.....	.....	.....	.....
Putnam.....	1	200	200	400	1	.....	100
Randolph.....	3	2,100	1,100	3,000	2	75	.....
Ripley.....	1	.....	.....	.....	.....	.....	.....
Scott.....	3	.....	.....	.....	.....	.....	.....
Shelby.....	3	300	.....	.....	3	.....	.....
Spencer.....	1	800	.....	.....	.....	.....	.....
St. Joseph.....	1	.....	.....	.....	.....	.....	.....
Stenben.....	3	1,100	2,000	4,000	3	1,150	.....
Sullivan.....	4	2,000	1,000	6,000	2	936	.....
Switzerland.....	1	75	200	300	.....	.....	.....
Tiptecanoe.....	2	2,300	200	?250	1	500	100

TABLE No. LXII.—Continued.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superannuation.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Tipton.....	1	\$600	\$500	.....	1	.....	\$75
Vanderburgh.....	3	8,100	2,620	\$6,545	6	\$1,928	637
Wabash.....	2	1,200	500	850	1	.....	25
Warrick.....	6	100	200	600	.....	.....	.....
Washington.....	2	500	.....	.....	.....	.....	.....
Wayne.....	3	269,500	99,300	210,000	130	78,200	21,800
Wells.....	3	500	600	.....	.....	.....	.....

NOTE.—Sixteen establishments, giving full answers, show as follows: Capital, \$371,100; value of material used, \$169,320; value of manufactured product, \$298,795; number of employees, 212; annual wages paid, \$115,403; other expenses, \$39,897; an employe to every \$175 of capital, with average wages at \$54.35. Representing the capital by \$100, the material would be \$45, the product \$80, the wages \$31, and the other expenses \$11.

Fifty-two establishments, including those giving full answers, show as follows: Capital, \$381,325; material used, \$179,030; manufactured product, \$320,629. Representing the capital by \$100 the material would be \$47, and the product \$84; the ratio of material to capital increased 4.44 per cent., and that of product to capital increased 5 per cent. from those giving full answers.

Eighty-six establishments, including all those before mentioned, show as capital \$457,725, or an average of \$5,322 to each. The whole number of establishments reported is 183; the proportional number for the whole State is 223, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product as per these giving full answers, shows for the State as follows: Number of establishments, 223; capital employed, \$1,186,806; value of material used, \$534,062; value of manufactured product, \$949,444; number of employes, 339; annual wages paid, \$184,416; other expenses, \$63,798.

MANUFACTURERS—FOUNDRIES.

TABLE No. LXIII.

CITIES, TOWNS AND TOWNSHIPS.	COUNTIES.	No. Establishm'ts	Capital Invested.	Value of Raw Material Used.	Value of Manu- factured Pro- duct.	Number of Em- ployes.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includ'g Taxes, Insurance, Re- pairs, etc.
City of Attica.....	Fountain.....	1	\$6,000	.....	.....	.....	.....	.....
City of Bloomington	Monroe.....	1	7,000	.....	.....	.....	.....	.....
City of Bluffton.....	Wells.....	2	.....	.....	.....	.....	.....	.....
City of Brazil.....	Clay.....	1	20,000	\$5,000	\$15,000	10	\$5,000	.....
City of Connersville	Fayette.....	1	50,000	70,000	300,000	36	18,000	\$2,000
City of Crawfordsville	Montgomery.....	1	3,000	500	10,000	9	5,600	1,000
City of Evansville...	Vanderburgh.....	11	622,000	263,900	896,520	555	279,964	55,930
City of Ft. Wayne...	Allen.....	4	590,000	1,395,000	1,850,000	690	251,000	39,000
City of Jeffers'nvile	Clark.....	2	30,000	95,000	128,000	55	30,000	1,100
City of Kendallville	Noble.....	1	35,000	20,000	40,000	18	9,450	2,200
City of Logansport...	Cass.....	2	68,000	48,489	71,707	45	18,200	300
City of Madison.....	Jefferson.....	.....	28,000	35,000	68,000	39	11,500	5,500
City of Muncie.....	Delaware.....	1	10,000	.....	30,000	22	11,024	.....
City of New Albany	Floyd.....	4	200,000	120,000	225,000	160	70,000	6,000
City of Peru.....	Miami.....	2	15,000	5,000	16,000	12	7,000	1,000
City of Richmond...	Wayne.....	1	15,000	60,000	100,000	30	15,000	2,000
City of Seymour...	Jackson.....	1	300	700	1,400	1	600	.....
City of Vincennes...	Knox.....	1	12,000	3,000	20,000	.....	8,000	9,000
City of Warsaw.....	Kosciusko.....	2	12,000	4,000	15,000	8	2,400	.....
Town of Angola.....	Steuens.....	2	4,000	4,000	6,000	3	1,000	.....
Town of Newville...	DeKalb.....	1	1,500	600	1,585	3	500	250
Town of Brightwood	Marion.....	2	.....	.....	.....	.....	.....	.....
Town of Butler.....	DeKalb.....	1	2,000	2,500	5,600	5	2,100	400
Town of Cannelton...	Perry.....	1	.....	.....	.....	.....	.....	.....
Town of Knight's'n	Henry.....	2	5,000	1,350	4,800	7	1,690	400
Town of Laurel.....	Franklin.....	1	1,000	600	1,800	2	.....	.....
Town of Ligonier...	Noble.....	1	10,000	4,000	12,000	11	4,700	300
Town of New Castle	Henry.....	1	4,000	.....	.....	9	1,800	800
Town of Orleans.....	Orange.....	3	.....	.....	.....	.....	.....	.....
Town of Portland...	Jay.....	1	3,500	10,000	25,000	2	1,200	.....
Town of Salem.....	Washington.....	1	10,000	.....	15,000	20	.....	.....
Town of Tell City...	Perry.....	1	2,500	.....	.....	.....	.....	.....
Town of Winchester	Randolph.....	1	8,000	10,000	13,000	3	800	200
Town of Winnamac	Pulaski.....	1	1,000	500	1,000	2	1,000	.....

NOTE.—Thirty-eight establishments, giving full answers, show as follows: Capital employed, \$1,804,500; value of material used, \$3,134,339; value of manufactured product, \$3,762,212; number of employes, 1,687; annual wages paid, \$733,528; other expenses, \$134,480. An employe to every \$1,069.65 of capital, with average wages at \$434.81. Representing the capital by \$100, the material would be \$118, the product \$208, the wages \$40.65, and the other expenses \$7.45.

Forty-seven establishments, including those giving full answers, show as follows: Capital, \$1,846,300; material used, \$2,159,139; manufactured product, \$3,827,472. Representing the capital by \$100, the material would be \$117, and the product \$207. The ratio of material to capital decreased .85 per cent., and that of product to capital decreased .48 per cent. from those giving full answers, which indicate generally consistent returns.

Fifty-three establishments, including all those before mentioned, show as capital \$1,885,800, or an average of \$35,581. The whole number of establishments reported is 58. The proportional number for the State is 71, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the whole State as follows: Number of establishments, 71; capital employed, \$2,804,500; value of the material used, \$3,309,310; value of the manufactured product, \$5,833,360; number of employes, 2,144; annual wages paid, \$332,232; other expenses, \$208,935.

MANUFACTURERS—MISCELLANEOUS INDUSTRIES.

TABLE No. LXIV.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintence.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Adams	7	\$44,500	.....	\$90,000	51	\$19,700	\$9,000
Allen	51	1,010,000	\$990,800	1,908,500	1,046	409,670	101,160
Bartholomew	1	10	31	156	1	.....	.....
Blackford	3	10,000	6,000	10,000	6	2,000	.....
Boone	11	3,800	5,000	14,000	10	2,500	300
Brown	1	.....	.....	.....	.....	.....	.....
Cass	.....	297,000	243,562	548,000	629	305,768	16,610
Clark	33	561,560	1,450,382	1,794,113	2,183	826,311	50,414
Clay	2	12,000	5,500	22,400	16	4,300	200
Crawford	.....	18,894	.....	25,192	.....	.....	.....
Dearborn	4	19,134	15,200	.....	162	.....	.....
Decatur	2	2,500	3,000	5,500	2	1,100	150
DeKalb	2	6,050	8,100	12,500	6	2,692	525
Delaware	16	59,000	40,560	288,900	250	67,210	30
Dubuois	8	9,560	6,000	28,250	15	5,500	1,600
Elkhart	6	4,900	4,800	17,950	17	2,455	275
Fayette	1	2,000	600	1,500	.....	.....	.....
Floyd	76	2,608,000	841,800	5,236,500	2,448	1,167,910	326,850
Fountain	8	375	.....	700	.....	.....	.....
Franklin	1	5,000	200	1,500	.....	.....	45
Fulton	3	3,850	.....	24,500	10	3,300	1,725
Gibson	1	.....	.....	.....	.....	.....	.....
Grant	13	7,450	14,550	29,100	12	3,600	3,200
Greene	5	13,500	11,400	24,000	16	3,900	.....
Hamilton	6	11,900	12,500	17,000	44	6,300	515
Hancock	3	10,300	.....	14,900	24	3,620	.....
Harrison	30	11,400	17,200	38,000	23	5,900	800
Hendricks	.....	.....	255	.....	.....	.....	.....
Henry	16	35,525	25,290	75,519	82	20,898	11,035
Howard	10	800	6,275	11,828	19	950	180
Huntington	3	.....	.....	.....	.....	.....	.....
Jackson	6	75,354	191,760	274,000	137	37,031	8,551
Jefferson	5	245,250	114,331	187,034	123	42,084	21,782
Jennings	4	60,000	84,000	70,000	56	23,000	4,350
Johnson	2	190,000	193,000	175,000	510	32,000	8,000
Kosciusko	8	106,300	12,700	31,400	64	20,800	2,400
Lake	2	.....	7,500	12,000	.....	.....	.....
Laporte	6	7,800	20,400	3,000	59	4,250	1,100
Lagrange	2	150	.....	3,000	4	60	.....
Madison	7	106,000	192,580	308,200	175	49,148	4,427
Marion	784	5,862,835	13,762,605	21,760,750	6,312	2,384,782	536,215
Marshall	5	2,000	3,000	7,000	6	.....	3,000
Martin	4	1,100	5,000	8,000	8	1,600	300
Miami	3	950,000	370,000	809,000	662	263,000	28,400
Monroe	1	1,000	500	.....	13	.....	.....
Montgomery	3	5,500	9,960	14,575	13	2,330	800
Morgan	1	80,000	.....	.....	40	.....	.....
Noble	3	4,800	900	3,800	4	1,060	115
Orange	.....	.....	60,000	88,000	.....	.....	.....
Owen	5	40,000	.....	30,000	85	4,400	.....
Parke	3	.....	.....	.....	3	.....	.....
Perry	1	24,400	17,700	20,400	47	6,000	.....
Pike	1	60	300	1,600	1	.....	.....
Porter	6	2,000	17,500	18,000	7	1,200	50
Putnam	5	156,000	160,000	321,000	162	112,750	28,600
Randolph	7	33,200	75,200	131,880	87	27,140	3,100
Ripley	10	1,000	.....	3,000	50	750	.....
Rush	6	800	.....	2,150	18	.....	.....

TABLE No. LXIV.—Continued.

COUNTIES.	No. Establishments	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Employees.	Annual Wages Paid, including Superintendent.	Other Expenses, including Taxes, Insurance, Repairs, etc.
Shelby	3						
Spencer	7	\$100,700	\$1,950	\$2,675	2		\$180
Steuben	35	2,100	2,650	9,420	12	\$630	95
Sullivan	8	9,805	10	17,935	12	3,725	1,950
Vanderburgh	9	116,900	134,855	222,020	113	42,975	9,275
Vigo			1,080	1,440			
Washington	2	25,000	100,000	115,000	100		
Wayne	65	983,650	1,119,400	1,666,735	485	167,258	83,207
Wells	1	3,000	1,000	3,000	3	1,000	300
White	1	10,000	13,500	27,720	15	2,000	500

NOTE.—This includes all such industries as were not specifically called for on the forms sent out to the cities, towns and townships, but were inserted in a blank left for the unspecified establishments, and includes the following manufactories: Artificial limbs and surgical appliances, book binders, bakers, blinds, sash and doors, butter tubs and pails, bottling malt liquors, boxes, brass foundries, builders, brooms, butcher shops, bone fertilizers, bees and honey, brushes, bungs, bridge works, confectionery, cheese, cradles, car shops, chairs, candles, candy, chains and hames, cutlery, dyeing and scouring, engine works, edge tools and axes, florists, fruit canning, flat-boats, yawls, etc., files, flax, fanning mills, flax bagging, glue, glass works, grindstones and whetstones, human hair, headings (such as was not returned with stove factories), hubs, spokes and felloes, hay presses, bominy mills, ice houses, iron (cast and wrought), lime kilns, leather and belting, lightning rods, looking glasses and picture frames, maple molasses, mill-furnishing goods, medicines, malt, morocco, metal plating, musical instruments, mineral waters, cider, etc., novelty works, organs, oil peppermint, oil mills, paper bags, pumps, plumbers, patterns, pork houses, pianos, plow handles, plow shops, painters (house, sign and carriage), rag carpets, rolling mills and nail works, reeds, roller skates, railroad shops, rope and twine, sorghum molasses, saws, shirts, soda fountains, stone fertilizers, stirrups, saddle-trees, shingles, skiffs, ships, soap, sumac, stoves, spring beds and mattresses, starch, slaughter houses, stone yards, tallow and grease, tin, copper and sheet iron ware, tin and iron cornice, tan yards, threshing machines and clover hullers, varnish, vinegar, wooden ware, woolen fabrics, water works, wagon stock and bent wood, wrapping paper.

One thousand and eighty-six establishments, giving full answers, show as follows: Capital employed, \$16,485,189; value of material used, \$24,079,176; value of manufactured product, \$39,942,880; number of employees, 17,537; annual wages paid, \$7,130,008; other expenses, \$1,495,672; an employe to every \$940.02 of capital, with average wages at \$406.57. Representing the capital by \$100, the material would be \$140, the product \$242, the wages paid \$43.25, and the other expenses \$9.07.

The range of those giving full answers is thought to be long enough to verify the ratio of material and product to capital without comparing with those giving only capital, material and product, and also sufficient to fairly arrive at the average capital.

The average capital to those giving full answers is \$15,180; the whole number of establishments reported is 1,429; the proportional number for the State is 1,742, which, being multiplied by the average capital to each, and the other elements of the business adjusted on this product, as per those giving full answers, shows for the whole State as follows: Number of establishments, 1,742; capital employed, \$26,443,560; material used, \$37,020,984; value of manufactured product, \$64,072,746; number of employes, 22,024; annual wages paid, \$8,954,298; other expenses, \$2,398,431.

RECAPITULATION

Of the estimated Number and extent of the Business of Manufacturers, as shown by the foot-notes of the preceding tables.

TABLE No. LXVI.

MANUFACTURES.	No. Establishm'ts.	Capital Invested.	Value of Raw Material Used.	Value of Manufactured Product.	Number of Em-ployees.	Annual Wages Paid, including Superint'ence.	Other Expenses, Includg Taxes, Insurance, Repairs, etc.
Agricultural Imple-ments.....	124	\$2,201,248	\$1,472,635	\$3,321,683	1,294	\$1,080,762	\$44,465
Barrel Factories.....	50	89,500	92,430	329,035	264	80,256	26,738
Blacksmithing.....	2,726	1,088,792	1,457,457	3,992,660	1,716	685,388	272,198
Boots and Shoes.....	1,183	475,460	943,978	1,912,300	1,622	500,663	111,828
Brewers.....	63	1,437,896	791,274	1,421,073	1,336	211,567	258,821
Brick (Common).....	406	448,198	162,741	995,510	1,928	349,874	103,066
Brick (Fire).....	27	23,400	4,186	70,200	57	24,800	1,638
Carriages.....	270	920,361	897,952	1,707,270	1,111	463,665	94,337
Cement.....	11	187,000	46,750	194,480	105	16,163	39,083
Cigars.....	212	263,620	439,611	999,477	657	230,429	89,510
Coal Mining.....	274	6,430,508	4,868,636	25,046,820	2,397	2,534,693	1,466,155
Coffins.....	223	1,186,806	534,062	919,444	339	184,416	63,798
Coopering.....	646	913,160	2,093,816	3,728,482	1,963	632,186	50,482
Cotton Mills.....	6	1,125,000	1,883,750	2,119,750	591	175,184	50,625
Dairies.....	291	366,369	592,455	855,838	263	109,851	36,278
Distilleries.....	25	482,512	1,021,004	2,847,516	215	94,023	87,331
Drain Tiles.....	297	456,489	93,305	629,720	948	143,603	51,035
Flouring Mills.....	984	8,317,604	21,625,770	26,882,491	1,740	861,491	853,050
Foundries.....	71	2,804,500	3,309,310	5,833,360	2,144	932,212	208,935
Furniture.....	288	3,868,416	1,779,471	4,177,889	2,750	981,750	225,500
Gas Works.....	17	2,279,700	191,722	403,665	286	188,760	79,009
Harness and Saddles.	517	604,373	960,933	1,776,836	717	296,800	37,644
Marble Works.....	173	281,575	323,811	605,396	377	153,867	22,848
Machine Works.....	61	2,206,414	1,350,141	3,232,396	1,540	729,760	282,745
Merchant Tailoring.	242	591,206	620,766	1,572,608	858	361,853	86,725
Photographing.....	275	145,165	81,873	377,419	160	64,720	54,436
Planing Mills.....	298	2,630,744	3,525,197	5,919,174	1,774	779,378	176,280
Potteries.....	65	56,760	24,755	160,602	111	32,163	18,620
Saw Mills.....	1,939	5,060,744	5,663,084	11,892,856	4,504	1,629,574	556,687
Sewer Pipes.....	6	21,000	51,030	97,040	32	12,480	11,340
Stave Factories.....	163	1,079,120	2,527,294	4,582,304	1,522	380,139	55,745
Stone Quarrying.....	445	1,144,767	283,626	1,495,618	892	105,711	66,896
Wagon Factories.....	368	719,472	777,742	1,213,749	644	242,936	64,732
Miscellaneous.....	1,742	26,443,560	37,020,964	64,072,746	22,024	8,954,298	2,395,431
Total.....	14,480	\$76,341,728	\$97,342,880	\$185,050,220	57,939	\$24,195,057	\$8,014,817

NOTE.—The foregoing table, taken in connection with that of dealers, shows the magnitude of the labor and the business of the people of the State. The sales of dealers and the value of the product of manufacturers aggregate about \$480,000,000, which must be an under, rather than an over-statement, for the year of greatest business stagnation known since 1837. How much greater it will be when business shall have fully revived is a matter of conjecture. Enough has been obtained from the returns to approximate the annual labor and business of the State, as expressed in dollars and cents.

Assuming that the gross receipts of hotels and newspapers will be equal each to that of hardware dealers; that of boarding houses, half as much as hotels; that of sewing machine dealers and

agents equal to that of tinware and stoves; that of hats and caps, ladies' bonnets and hats, fur dealers, ladies' hair and wigs, and ladies' clothing, shall each equal that of millinery dealers; that mill furnishing, agricultural seeds, india rubber, fruit, oysters and fish, tea and coffee, paint and oil, picture and music dealers, shall each equal that of saddles and harness; that news, flowers and seeds, dental and surgical instruments, shall each be equal to that of jewelers and time-keepers; that patent rights, railroad supplies, and feed stores shall each be equal to that of toys and notions, to say nothing of the many others that could be mentioned, some of which dealers are partially but very inadequately represented under the head of "Miscellaneous," we shall have to add to the sales of the dealers especially inquired into, \$73,036,773. The whole sum accredited to miscellaneous dealers would not fairly offset the many small ones which time and space preclude the detailed mention of here.

Assuming that manufacturers would be proportionately increased, we shall have the additional sum of \$45,001,729, making for manufacturers and dealers (about) \$604,420,978.

Taking the aggregate of wheat, corn, oats, rye and barley based on the returns to this Bureau for 1879, at the prices indicated by the Department of Agriculture at Washington, it amounts as follows: Wheat, \$52,361,253; corn, \$38,725,296; oats, \$6,461,681; rye, \$648,245; barley, \$718,659; total, \$98,713,134. With the exception of wheat, the crops of 1879 will be a fair measure of crops of 1878, and will not be materially out of the way. After deducting the probable amount retained by the farmers for seed and home consumption, say \$10,243,951 of wheat, \$9,631,324 of corn, \$1,615,420 of oats, \$161,561 of rye, and \$179,915 of barley, aggregating \$21,832,171, there is a surplus of \$76,880,963. The estimated purchases of grain dealers (see pages 202-3 and 208), which represent the sales of the producers, is \$75,878,803. This close approximation again shows the general good faith and consistency of the returns. Sometimes dealers buy and sell from and to each other, to which extent the business would be counted twice, and would probably amount to enough to offset the excess of the wheat crop of 1879 over that of 1878.

The Bureau made no inquiry of the farmers as to their business in a financial sense, and has no data from which to estimate the surplus of live stock, except as it is indicated by the purchases of live stock dealers, which amount seems to the Bureau to be much too small for the State, and out of all natural proportion to the purchases of grain dealers. But, having no better data in the way of returns, it is taken as correct. (See note on page 185.)

The potatoe crop of 1879, as before given, is valued at \$2,512,168, the tobacco crop at \$464,476, the hay crop at \$14,335,970, clover seed at \$1,317,260, amounting, less the home consumption, to about \$13,000,000.

The taxation for all except national, city and town purposes was, in report of 1878, \$13,662,831.

The gross receipts of railroads—assuming the average per mile of Massachusetts, Michigan and Iowa for 1878, and of Illinois for 1873, to fairly apply to Indiana—is \$23,906,999. All these will aggregate, in round numbers, \$550,000,000.

It is assumed that the gross sales of dealers, the product of manufacturers and the gross earnings include all the other elements of the business, as purchases, material used, wages paid and other expenses; that total taxation includes of course the pay of officers, etc., and the gross earnings of railroads the pay of employes and officers. Yet it is difficult to say where this rule, carried to its conclusion, would be limited, as the purchases of the grain and stock dealers would represent the sales of the producers, and their wages paid would represent the earnings of the laborer, and their other expenses would represent the payment of taxes and the earnings of railroads, etc. But, if we consider every transaction as a measure of the business to its full extent, we should double the foregoing, to say nothing of the earnings of the professions and the many other occupations not here taken into the account.