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REPORT

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The Impact of Resource-Based Industries on the Maryland Economy

Report Contents

Note on Methodology and Interpretation of Totals	3
Introduction	4
Agriculture & Supporting Industries	8
Agriculture	11
Equine Industry	12
Supporting Industries	19
Forestry	26
Seafood & Aquaculture	34
Regional Summary Tables	41
County Summary Tables	50

Note on Methodology and Interpretation of Totals

It is important to note that the total economic impacts presented in this report are not additive across geographic levels (state, regional, and county), as they had been in prior reports. The IMPLAN modeling platform is now able to perform calculations across multiple regions (counties) via Multi-Regional Input-Output Analysis (MRIO). The data at a county level is modeled on that county; however, the impacts of the region or the state as a whole now include the impacts generated from intra-regional trade. The enhanced modeling allows the report to show the economic interdependence of regions. The impacts at the regional and state level now incorporate enhanced local supply-chain tracing and industry linkages. As a result, state, regional, and county impact estimates are now modeled independently and cannot be directly aggregated, because the additional impacts would not be reflected.

This refinement allows for more precise measurement of regional trade and improved measurement of economic activity within multicounty jurisdictions, but it also means that totals and percentages (now a percent of the total state) across levels (e.g., summing regional values to match the state total) may no longer align additively as they did in prior reporting years. The new multi-county calculation methodology resulted in an average 15% increase in the statewide output and other impacts from the prior method.

All charts are based on IMPLAN 2023 Data for model Maryland, and all of the counties, regions, and sub-regions of the state.

IMPLAN is the leading provider of economic impact data and analytical applications. IMPLAN serves the economic data needs of researchers, policy makers, decision makers, advocates, business leaders, governments, and more. IMPLAN was created by academics to serve the needs of the United States Forest Service in the 1970s. It has been transformed today to serve as a solution provider for anyone interested in better understanding their economy. IMPLAN is a regional economic analysis software and data application that is designed to estimate the impact or ripple effect of a given economic activity or the contribution of some existing activity within a specific geographic area.

IMPLAN utilizes an economic modeling technique called Input-Output Analysis and a Social Accounting Matrix, which is a type of applied economic analysis that tracks the interdependence among various producing and consuming industries of an economy and the spending of households. It measures the relationship between a given set of demands for final goods and services and the inputs required to satisfy those demands. For more information on the IMPLAN modeling process, visit [IMPLAN.com](https://support.implan.com).¹

The data used in this report represents the most recent available IMPLAN model (2023), which captures the 2022 USDA Census of Agriculture data. The figures are reported in 2025 dollars.

¹ Implan Report toolkit – IMPLAN - support. (n.d.-b). <https://support.implan.com/hc/en-us/articles/360044985833-IMPLAN-Report-Toolkit>.

Introduction

This economic impact study measures the importance of resource-based industries (RBI) to the state of Maryland, as well as each county and region (i.e., Western, Central, Southern, Eastern Shore, and sub-regions). The total economic impact of resource-based industries in 2023 equaled over \$30.2 billion, supported over 108,461 jobs, and generated almost \$1.1 billion in state and local tax revenue (see Tables 1 to 3 for more details). To put these magnitudes into perspective, the economic output of RBI industries is equivalent to 6.5% of Maryland's personal income and 5.6% of Maryland's gross domestic product (GDP).² At the same time, total jobs supported by RBI activities (108,461) equal 3.4% of Maryland's total employment.³ The resource-based industries represent a significant and crucial segment of the Maryland economy.

The combined agriculture and supporting industries account for over \$25.7 billion of contribution to the state's economy. Breaking down the RBI economic output total by industry, agriculture contributed over \$4.9 billion to the state economy (16.5% of RBI total), supported 27,389 jobs (25.3% of RBI total), and added over \$247.4 million to the combined state and local tax revenue (22.5% of RBI total). For methodological reasons, these results include some but not all of the total \$2.06 billion economic impact of Maryland's equine industry (as detailed later in this report). Agriculture supporting industries, those in-state industries that rely on Maryland's agricultural firms for their supply-chain input (e.g., a Maryland-based canned vegetable manufacturer who relies on Maryland farmers for their fresh vegetable supply), contributed over \$20.7 billion to the state economy (68.6% of RBI total), supported 63,959 jobs (59.0% of RBI total), and added nearly \$702.2 million in combined state and local tax revenue (63.8% of RBI total).

Forestry activity and wood derivatives contributed over \$4.2 billion to the state economy (13.8% of RBI total), supported 14,099 jobs (13.0% of RBI total), and added over \$139.5 million in combined state and local tax revenue (12.7% of RBI total). Seafood contributed nearly \$317.4 million to the state economy (1.1% of RBI total), supported 3,014 jobs (2.8% of RBI total), and added over \$11.9 million in combined state and local tax revenue (1.1% of RBI total).⁴ Aquaculture, included in the agriculture impact estimates, contributes approximately \$37.4 million in output, representing 11.0% of the total seafood and aquaculture impact.⁵

² According to the IMPLAN Analysis, Maryland's personal income totaled \$461.702 billion in 2023, while Maryland's gross domestic product equaled \$532.970 billion over the same period.

³ According to the U.S. Bureau of Labor Statistics, Maryland's total seasonally adjusted employment in December 2023 totaled 3,196,995.

⁴ This report does not include recreational fishing (only commercial fishing), because such data are not collected and reported by the federal government. Furthermore, most aquaculture activities (NAICS codes 112511, 112512, and 112519) could not be separated from the much broader and primarily agricultural sector "animal production, except cattle and poultry and eggs" (IMPLAN code 14).

⁵ The output of aquaculture is included in the agriculture industry; however, due to methodological and data limitations, aquaculture cannot be separated from agriculture in this analysis. It is shown with Seafood to provide a clearer representation of that industry.

Breaking down the RBI economic impact by region, Western Maryland contributed over \$4.4 billion to the state economy (14.5% of the RBI total), supported 19,027 jobs (17.5% of RBI total), and added nearly \$221.2 million in the combined state and local tax revenue (20.1% of RBI total). Central Maryland contributed over \$13.4 billion to the state economy (44.6% of the RBI total), supported 41,045 jobs (37.8% of RBI total), and added over \$462.0 million in combined state and local tax revenue (42.0% of RBI total). Southern Maryland contributed over \$2.2 billion to the state economy (7.3% of the RBI total), supported 10,256 jobs (9.5% of RBI total), and added over \$120.9 million in combined state and local tax revenue (11.0% of RBI total). Finally, the Eastern Shore of Maryland contributed \$9.8 billion to the state economy (32.4% of the RBI total), supported 26,107 jobs (24.1% of RBI total), and added nearly \$297.1 million in combined state and local tax revenue (27.0% of RBI total).

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Table 1. Resource Industry Economic Impacts:**Resource Industry Economic Impacts:****Output****All RBI Industry Sectors**

Geographic Entity	Sector Output				% of State Total
	Direct	Indirect	Induced	Total	
State of Maryland	19,246,869,853	7,351,251,603	3,622,528,446	30,201,941,490	100.0%
Regions					
Western Maryland	3,170,303,739	821,095,268	397,506,599	4,388,905,606	14.5%
<i>Appalachian Maryland</i>	1,457,262,257	287,055,789	173,785,569	1,918,103,615	6.4%
Central Maryland	9,081,438,119	3,203,294,329	1,194,626,666	13,479,359,114	44.6%
Southern Maryland	1,682,276,443	377,181,447	139,168,134	2,198,626,024	7.3%
Eastern Shore of Maryland	6,211,951,070	2,912,524,119	651,477,764	9,775,952,953	32.4%
<i>Upper Eastern Shore</i>	1,415,395,124	470,379,315	123,831,173	2,009,605,611	6.7%
<i>Mid Shore</i>	2,115,835,225	880,530,119	287,145,694	3,283,511,038	10.9%
<i>Lower Eastern Shore</i>	1,781,621,204	692,492,861	385,295,030	2,859,409,096	9.5%
Counties					
Allegany	300,923,595	57,600,807	26,719,122	385,243,523	1.3%
Anne Arundel	584,764,891	151,291,623	46,526,375	782,582,889	2.6%
Baltimore	2,048,120,264	416,302,756	134,353,182	2,598,776,202	8.6%
Baltimore City	3,077,797,826	751,594,178	126,001,481	3,955,393,484	13.1%
Calvert	58,994,205	11,164,483	3,454,272	73,612,960	0.2%
Caroline	475,127,201	132,743,674	57,307,906	665,178,780	2.2%
Carroll	875,553,270	222,512,552	71,080,206	1,169,146,028	3.9%
Cecil	648,349,746	157,095,634	41,952,208	847,397,588	2.8%
Charles	90,805,745	16,913,465	3,199,745	110,918,955	0.4%
Dorchester	1,393,068,399	373,783,936	82,420,108	1,849,272,442	6.1%
Frederick	837,488,212	214,950,373	96,460,708	1,148,899,292	3.8%
Garrett	206,431,608	73,819,096	45,608,826	325,859,530	1.1%
Harford	1,034,775,063	280,713,184	84,829,714	1,400,317,961	4.6%
Howard	2,083,708,217	674,373,602	129,220,820	2,887,302,639	9.6%
Kent	314,936,524	77,039,861	22,702,047	414,678,432	1.4%
Montgomery	837,036,750	199,321,286	68,043,275	1,104,401,310	3.7%
Prince George's	862,786,023	169,856,285	46,818,213	1,079,460,521	3.6%
Queen Anne's	452,108,854	163,884,592	43,085,604	659,079,050	2.2%
St. Mary's	84,925,580	13,204,650	3,585,250	101,715,480	0.3%
Somerset	346,480,921	93,923,640	32,338,231	472,742,792	1.6%
Talbot	247,639,626	74,364,191	34,351,779	356,355,596	1.2%
Washington	949,907,054	152,203,656	96,927,933	1,199,038,643	4.0%
Wicomico	942,953,449	344,867,242	186,452,379	1,474,273,069	4.9%
Worcester	492,186,834	99,762,349	62,293,798	654,242,982	2.2%

Table 2. Resource Industry Economic Impacts:**Resource Industry Economic Impacts:
Employment****All RBI Industry Sectors**

Geographic Entity	Sector Output				% of State Total
	Direct	Indirect	Induced	Total	
State of Maryland	55,889	32,786	19,786	108,461	100.0%
Regions					
Western Maryland	11,960	4,668	2,399	19,027	17.5%
<i>Appalachian Maryland</i>	5,130	1,521	1,073	7,723	7.1%
Central Maryland	21,481	13,315	6,248	41,045	37.8%
Southern Maryland	7,373	2,071	813	10,256	9.5%
Eastern Shore of Maryland	15,122	11,002	3,824	26,107	24.1%
<i>Upper Eastern Shore</i>	4,541	2,380	780	7,701	7.1%
<i>Mid Shore</i>	5,888	4,213	1,799	11,900	11.0%
<i>Lower Eastern Shore</i>	5,065	2,923	2,299	10,287	9.5%
Counties					
Allegany	1,178	318	171	1,667	1.5%
Anne Arundel	2,241	693	260	3,194	2.9%
Baltimore	5,761	2,040	799	8,600	7.9%
Baltimore City	5,292	2,790	651	8,733	8.1%
Calvert	608	134	-1	763	0.7%
Caroline	1,289	660	352	2,301	2.1%
Carroll	3,261	1,571	444	5,276	4.9%
Cecil	2,324	822	261	3,407	3.1%
Charles	699	136	21	856	0.8%
Dorchester	3,536	1,677	533	5,746	5.3%
Frederick	3,567	1,294	577	5,438	5.0%
Garrett	1,258	482	292	2,032	1.9%
Harford	2,827	1,610	529	4,965	4.6%
Howard	3,975	2,674	674	7,323	6.8%
Kent	882	370	139	1,391	1.3%
Montgomery	3,630	856	351	4,837	4.5%
Prince George's	2,743	874	283	3,900	3.6%
Queen Anne's	1,337	827	269	2,433	2.2%
St. Mary's	1,082	131	22	1,235	1.1%
Somerset	930	563	189	1,682	1.6%
Talbot	1,063	560	221	1,844	1.7%
Washington	2,693	810	588	4,091	3.8%
Wicomico	2,453	1,355	1,117	4,924	4.5%
Worcester	1,680	478	379	2,537	2.3%

Table 3. Resource Industry Economic Impacts:**Resource Industry Economic Impacts:
State and Local Government Tax Impact****All RBI Industry Sectors**

Geographic Entity	Employee Compensation	Household Expenditures	Sources of Tax Revenue			% of State Total
			Corporations	Taxes on Production and Imports	Total (\$)	
State of Maryland	2,828,528	254,844,658	47,167,548	796,366,596	1,101,207,330	100.0%
Regions						
Western Maryland	575,403	83,063,713	26,823,246	110,715,714	221,178,076	20.1%
<i>Appalachian Maryland</i>	247,636	34,790,586	11,228,690	46,001,144	92,268,056	8.4%
Central Maryland	1,230,606	118,715,972	30,841,924	311,211,974	462,000,476	42.0%
Southern Maryland	324,612	38,786,091	11,643,177	70,146,643	120,900,523	11.0%
Eastern Shore of Maryland	697,907	120,477,232	40,551,079	135,402,037	297,128,255	27.0%
<i>Upper Eastern Shore</i>	184,652	36,877,254	12,848,478	31,913,331	81,823,714	7.4%
<i>Mid Shore</i>	282,949	43,477,497	14,132,568	58,327,845	116,220,859	10.6%
<i>Lower Eastern Shore</i>	230,306	40,122,481	13,570,033	45,160,862	99,083,681	9.0%
Counties						
Allegany	63,301	6,014,593	1,690,893	12,581,842	20,350,630	1.8%
Anne Arundel	111,706	11,333,608	3,175,725	24,836,946	39,457,985	3.6%
Baltimore	300,156	30,597,579	8,264,491	73,943,261	113,105,486	10.3%
Baltimore City	333,945	26,264,300	5,866,343	87,756,972	120,221,560	10.9%
Calvert	19,732	3,391,842	1,144,726	3,813,146	8,369,446	0.8%
Caroline	53,118	13,521,755	4,980,719	5,983,386	24,538,979	2.2%
Carroll	165,412	23,124,703	7,368,040	32,932,828	63,590,982	5.8%
Cecil	96,583	15,884,705	5,249,066	19,385,772	40,616,126	3.7%
Charles	24,259	4,168,366	1,426,682	3,977,529	9,596,835	0.9%
Dorchester	178,514	20,867,318	6,066,148	43,046,942	70,158,922	6.4%
Frederick	162,355	25,148,425	8,226,516	31,781,742	65,319,038	5.9%
Garrett	60,241	9,915,403	3,373,103	9,656,449	23,005,196	2.1%
Harford	165,560	18,770,961	5,308,306	40,851,462	65,096,290	5.9%
Howard	264,975	24,574,985	6,118,044	69,957,228	100,915,231	9.2%
Kent	32,713	7,808,447	2,823,208	4,637,868	15,302,236	1.4%
Montgomery	165,970	18,508,147	5,284,740	38,703,052	62,661,909	5.7%
Prince George's	141,079	13,807,229	3,706,467	33,398,756	51,053,531	4.6%
Queen Anne's	55,356	13,184,102	4,776,204	7,889,691	25,905,353	2.4%
St. Mary's	27,836	6,085,046	2,189,577	4,120,266	12,422,726	1.1%
Somerset	33,277	7,872,175	2,872,126	4,999,628	15,777,206	1.4%
Talbot	51,317	9,088,424	3,085,700	9,297,516	21,522,958	2.0%
Washington	124,093	18,860,590	6,164,694	23,762,853	48,912,230	4.4%
Wicomico	142,319	22,107,866	7,174,274	29,725,004	59,149,462	5.4%
Worcester	54,711	10,142,440	3,523,633	10,436,230	24,157,014	2.2%

Agriculture & Supporting Industries

The agriculture sector and its supporting industries continue to serve as the cornerstone of Maryland's resource-based economy, representing the most significant drivers of total economic impact among all resource-based industries.

Maryland's agriculture sector encompasses a broad range of crop and livestock operations, including oilseed and grain farming; vegetable and melon production; fruit and tree nut farming; greenhouse, nursery, and floriculture production; tobacco, and other specialty crop farming; and livestock operations, such as beef cattle ranching (including feedlots and dual-purpose farms), dairy cattle and milk production, poultry and egg production, and other animal agriculture. As noted earlier, other animal production also includes aquaculture, which is more commonly associated with the production of seafood. The sector also includes commercial hunting and trapping activities that contribute to Maryland's rural economy and land management practices.

The supporting industries segment comprises in-state businesses that rely on Maryland's agricultural producers for supply-chain inputs. Examples include soil preparation, planting, and cultivation services; farm management and animal production support services; and a variety of agricultural processing and manufacturing activities such as animal feed production, flour and grain milling, dairy processing, meat and poultry processing, breweries, wineries, distilleries, and fertilizer manufacturing. Together, these industries form an interconnected network that amplifies the reach and economic significance of Maryland's agricultural base. A portion of the equine industry is also reflected within agriculture and supporting industries, while other equine-related activities are represented across additional resource-based sectors and other sectors, underscoring the industry's cross-cutting influence on Maryland's rural economy.

A detailed list of IMPLAN sectors and corresponding NAICS industries is provided later in this report, along with individual sector analyses that highlight localized impacts across the state's regions. The figure below presents the combined economic impact of Maryland's agriculture and supporting industries, demonstrating their continued importance as key contributors to employment, production, and tax revenue across the state.

Figure 1. Maryland Agriculture & Supporting Industries Impact Estimate

Agriculture & Supporting Industries					
Sector Output	Direct	Indirect	Induced	Total	
	16,272,543,322	6,324,921,872	3,130,192,301	25,708,949,083	
Sector Employment	Direct	Indirect	Induced	Total	
	46,189	28,059	17,101	91,349	

Sources of Tax Revenue	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
	2,295,182	\$219,827,302	\$38,907,437	\$688,682,288	\$949,712,209

The total regional output and employment of the agriculture and supporting industries are summarized below (Figure 2). For the State of Maryland, the economic output was \$25.7 billion, with 91,349 jobs supported and a state and local tax impact of \$949.7 million. The highest economic output of the regions was in Central Maryland with \$12.3 billion, followed by the Eastern Shore with \$8.7 billion, Western Maryland with \$2.9 billion, and Southern Maryland with \$1.4 billion. The job impact was also highest in Central Maryland with 37,073, followed by the Eastern Shore, Western Maryland, and Southern Maryland. The tax was also the largest in Central (44.7%), followed by the Eastern Shore (28.3%), Western (17.4%), and Southern (9.6%).

Figure 2. Maryland Agriculture & Supporting Industries Regional Impact Estimate

Industry Sectors: Agriculture & Supporting Industries	<u>Economy Contribution</u>		<u>Jobs Supported</u>		<u>State & Local Tax Revenue</u>	
Economic Impact:	Output		Employment		State & Local Tax	
State of Maryland	\$ 25,708,949,083		91,349		\$949,712,209	
Regions						
Western Maryland	\$ 2,951,948,744	12%	14,268	16%	\$165,438,099	17%
Central Maryland	\$12,308,789,475	48%	37,073	41%	\$424,100,160	45%
Southern Maryland	\$1,462,127,017	6%	7,449	8%	\$91,091,823	10%
Eastern Shore of Maryland	\$8,752,957,843	34%	21,944	24%	\$269,082,127	28%



Agriculture

The agriculture sector consists of a wide range of industries, including oilseed and grain farming; vegetable and melon production; fruit farming; greenhouse, nursery, and floriculture production; tobacco and other crop farming; beef and dairy cattle operations; poultry and egg production; other animal production; and commercial hunting and trapping. A comprehensive list of these industries, along with their corresponding IMPLAN and NAICS codes, is presented in Table 4. Collectively, these industries represent Maryland's core agricultural producers—the farmers and agricultural enterprises responsible for generating the state's agricultural commodities. The “supporting industries” sector, discussed separately, captures the processors and refiners that depend on these outputs, such as flour milling and animal food manufacturing.

Breaking these total impacts down (see Table 5), the agriculture sector generated \$2.9 billion in “direct” economic output in 2023. This equals the value of all of the output of the agricultural sector *plus* the value of the Maryland-based supply chain needed by Maryland agriculture producers to produce their crops/livestock. For example, if a dairy farmer requires external feed or veterinary services to produce fluid milk, these supply-chain expenditures would be included in the “direct” output figure. However, supply-chain vendors need to purchase additional inputs from their supply chains to provide these necessary inputs. Continuing with the above example, if a veterinarian needs to provide more care, she will need to purchase more medicine, fuel, insurance services, and so forth.

This second-order (or ripple) effect, whereby input providers purchase more inputs, is known as “indirect” economic output. In 2023, the activities of the agricultural sector were responsible for an “indirect” economic output of nearly \$1.2 billion. Finally, the above direct and indirect economic effects ignore how the employees in the affected firms/industries spend their additional income. This household spending results in an additional “induced” economic effect. In 2023, the activities of the agricultural sector were responsible for “induced” economic output totaling nearly \$863.1 million. Summing these economic impacts, Maryland agriculture contributed \$5.0 billion in total state economic activity.

The sector also has employment (jobs) impacts; the “direct” economic impact of the agriculture sector supported 17,255 jobs in 2023 (see Table 6). The resulting ripple effect of these activities supported 5,412 jobs due to “indirect” economic effects and an additional 4,722 jobs due to “induced” economic effects (see the previous paragraph for an explanation of this terminology). Summing these economic impacts, Maryland agriculture supported a total of 27,389 jobs.

Breaking down the economic impact of agriculture by region, Western Maryland contributed nearly \$731.5 million to the state economy (14.7% of state agricultural impact), supported 7,174 jobs (26.2% of state agricultural job impact), and added nearly \$70.2 million in combined state and local tax revenue (28.4% of state agricultural tax impact). Central Maryland agriculture contributed over \$332.3 million to the state economy (6.7% of state agricultural

impact), supported 3,814 jobs (13.9% of state agricultural job impact), and added over \$37.1 million in combined state and local tax revenue (15.0% of state agricultural tax impact).

Southern Maryland agriculture contributed \$143.1 million to the state economy (2.9% of state agricultural impact), supported 2,509 jobs (9.2% of state agricultural job impact), and added over \$24.9 million in combined state and local tax revenue (10.1% of state agricultural tax impact). Finally, Eastern Shore agriculture contributed nearly \$3.8 billion to the state economy (77.0% of state agricultural impact), supported 10,344 jobs (37.8% of state agricultural job impact), and added nearly \$115.0 million in combined state and local tax revenue (46.5% of state agricultural tax impact).

Equine Industry

The economic impact of Maryland's equine industry includes both direct agricultural production and a broad network of related supporting industries. Within the agricultural sector, equine animal production is incorporated into Maryland's overall agricultural impact. Beyond primary production, the industry contributes additional economic activity through racetrack operations, gaming, tourism, recreation, and equestrian services.

These combined activities represent an interconnected system of industries that support employment, generate income, and contribute to state and local tax revenues. Similar to other components of animal production, the equine industry's total economic impact reflects both the direct activities of equine operations and the indirect and induced effects generated by related sectors.

Within the IMPLAN modeling framework, much of this activity is represented under Sector 497 – Commercial Sports (except Racing), which includes sixty-one distinct industries. These range from "Professional or semiprofessional baseball teams" to "Referees and umpires." Of these industries, seven are directly related to equine activities, such as "Harness drivers" and "Stables, horse racing." In total, the equine industry contributes to eighteen IMPLAN sectors, illustrating its integration across multiple areas of Maryland's economy.

The scope of this study did not include the detailed research required to assess the relative impact of the equine industry across all individual industry sectors. A comprehensive analysis of the equine industry's total economic contribution is therefore beyond the boundaries of this report. However, the American Horse Council Foundation conducted an in-depth study in 2023, which provides a thorough evaluation of the industry's statewide impact (Economic Impact of the Horse Industry in Maryland).⁶ According to their analysis, the total economic impact of



⁶ *Economic Impact of the Horse Industry in Maryland*. American Horse Council Foundation, 2023.
Economic Impact of Resource - Based Industries in Maryland
Conducted by BEACON at Salisbury University

Maryland's equine industry is estimated at \$2.9 billion, including \$1.1 billion in wages within the horse-related industries. The sector supports approximately 28,134 jobs across the state. In terms of gross domestic product (GDP), the industry contributes \$1.8 billion, including a direct GDP contribution of \$1.1 billion.

While the rate of horse ownership in the United States is relatively low, estimated at 1.2% of the population, participation in equine-related activities extends beyond ownership. Approximately 19.4% of individuals engage in horse-related activities without owning a horse, and 9.9% participate as spectators or volunteers at equestrian events.

In Maryland, an estimated 30.5% of households, or approximately 717,611 homes, include individuals who identify as horse enthusiasts. This segment of the population contributes to the overall economic and cultural activity associated with the equine industry in the state.

It should be noted that a portion of the equine industry's impact is already reflected in the total Resource-Based Industry (RBI) impact, as well as within the agriculture and support industry calculations. Additional equine-related impact, such as those associated with tourism, including spending on fuel, restaurants, and lodging, are not included in this analysis.



Table 4. IMPLAN and NAICS Industries in the Agriculture Sector

Agriculture			
NAICS Codes	NAICS Industries	IMPLAN Code	IMPLAN Industry aggregation
111110	Soybean Farming	1	Oilseed farming
111120	Oilseed (except Soybean) Farming	1	
111130	Dry Pea and Bean Farming	2	Grain farming
111140	Wheat Farming	2	
111150	Corn Farming	2	
111160	Rice Farming	2	
111191	Oilseed and Grain Combination Farming	2	
111199	All Other Grain Farming	2	
111211	Potato Farming	3	Vegetable and melon farming
111219	Other Vegetable (except Potato) and Melon Farming	3	
111310	Orange Groves	4	Fruit farming
111320	Citrus (except Orange) Groves	4	
111331	Apple Orchards	4	
111332	Grape Vineyards	4	
111333	Strawberry Farming	4	
111334	Berry (except Strawberry) Farming	4	
111335	Tree Nut Farming	4	
111336	Fruit and Tree Nut Combination Farming	4	
111339	Other Noncitrus Fruit Farming	4	
111335	Tree Nut Farming	5	Tree nut farming
111336	Fruit and Tree Nut Combination Farming	5	
111411	Mushroom Production	6	Greenhouse, nursery, and floriculture production
111419	Other Food Crops Grown Under Cover	6	
111421	Nursery and Tree Production	6	
111422	Floriculture Production	6	
111910	Tobacco Farming	7	Tobacco farming
111920	Cotton Farming	8	Cotton farming
111930	Sugarcane Farming	9	Sugarcane and sugar beet farming
111991	Sugar Beet Farming	9	
111940	Hay Farming	10	All other crop farming
111992	Peanut Farming	10	

111998	All Other Miscellaneous Crop Farming	10	
112111	Beef Cattle Ranching and Farming	11	Beef cattle ranching and farming, including feedlots and dual-purpose ranching and farming
112112	Cattle Feedlots	11	
112120	Dairy Cattle and Milk Production	12	Dairy cattle and milk production
112310	Chicken Egg Production	13	Poultry and egg production
112320	Broilers and Other Meat Type Chicken Production	13	
112330	Turkey Production	13	
112340	Poultry Hatcheries	13	
112390	Other Poultry Production	13	
112410	Sheep Farming	14	Animal production, except cattle and poultry and eggs
112420	Goat Farming	14	
112210	Hog and Pig Farming	14	
112910	Apiculture	14	
112920	Horses and Other Equine Production	14	
112930	Fur-Bearing Animal and Rabbit Production	14	
112990	All Other Animal Production	14	
114210	Hunting and Trapping	18	Commercial hunting and trapping

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Table 5. Resource Industry Economic Impacts:

**Resource Industry Economic Impacts:
Output**

Industry Sector: Agriculture

Geographic Entity	Sector Output			Total	% of State Total
	Direct	Indirect	Induced		
State of Maryland	2,942,681,799	1,176,216,848	863,049,072	4,981,947,720	100.0%
Regions					
Western Maryland	492,478,705	101,811,818	137,185,447	731,475,970	14.7%
<i>Appalachian Maryland</i>	196,791,794	25,859,151	84,303,217	306,954,162	6.2%
Central Maryland	232,667,025	52,990,790	46,671,806	332,329,621	6.7%
Southern Maryland	118,208,531	17,604,606	7,261,994	143,075,131	2.9%
Eastern Shore of Maryland	2,411,611,551	1,184,117,380	240,231,462	3,835,960,394	77.0%
<i>Upper Eastern Shore</i>	619,545,484	181,533,135	66,649,700	867,728,319	17.4%
<i>Mid Shore</i>	680,334,361	310,316,875	133,471,266	1,124,122,502	22.6%
<i>Lower Eastern Shore</i>	799,447,694	303,412,261	244,214,217	1,347,074,171	27.0%
Counties					
Allegany	6,573,527	619,226	228,643	7,421,396	0.1%
Anne Arundel	21,048,814	3,847,228	5,565,607	30,461,649	0.6%
Baltimore	83,410,714	11,582,996	8,096,006	103,089,715	2.1%
Baltimore City	0	0	0	0	0.0%
Calvert	16,477,932	4,125,364	-815,671	19,787,625	0.4%
Caroline	327,859,918	97,288,270	49,602,506	474,750,694	9.5%
Carroll	133,421,814	36,409,605	13,693,916	183,525,335	3.7%
Cecil	135,435,029	21,998,312	13,100,434	170,533,776	3.4%
Charles	19,042,972	2,583,135	-1,165,673	20,460,434	0.4%
Dorchester	265,164,695	89,611,422	25,437,614	380,213,731	7.6%
Frederick	162,265,096	30,574,949	34,524,987	227,365,032	4.6%
Garrett	30,837,365	5,983,251	24,660,996	61,481,611	1.2%
Harford	59,654,791	12,948,156	6,619,061	79,222,007	1.6%
Howard	26,282,970	4,662,218	2,354,352	33,299,539	0.7%
Kent	165,159,222	43,848,010	15,838,884	224,846,115	4.5%
Montgomery	63,318,551	9,566,818	12,796,211	85,681,579	1.7%
Prince George's	30,115,778	2,577,680	2,893,233	35,586,691	0.7%
Queen Anne's	318,951,233	125,430,859	33,495,381	477,877,473	9.6%
St. Mary's	31,523,035	3,987,979	165,465	35,676,479	0.7%
Somerset	263,467,080	74,041,259	28,028,101	365,536,441	7.3%
Talbot	87,309,748	35,269,870	17,995,003	140,574,620	2.8%
Washington	159,380,902	18,095,088	55,959,654	233,435,644	4.7%
Wicomico	297,451,801	101,042,022	112,474,602	510,968,426	10.3%
Worcester	238,528,812	58,975,365	45,608,369	343,112,545	6.9%

Table 6. Resource Industry Economic Impacts:

**Resource Industry Economic Impacts:
Employment**

Industry Sector: Employment					
Sector Output					
Geographic Entity	Direct	Indirect	Induced	Total	% of State Total
State of Maryland	17,255	5,412	4,722	27,389	100.0%
Regions					
Western Maryland	5,460	886	828	7,174	26.2%
<i>Appalachian Maryland</i>	2,233	227	520	2,979	10.9%
Central Maryland	3,263	307	244	3,814	13.9%
Southern Maryland	2,322	145	42	2,509	9.2%
Eastern Shore of Maryland	5,879	4,482	1,407	10,344	37.8%
<i>Upper Eastern Shore</i>	2,528	1,100	420	4,049	14.8%
<i>Mid Shore</i>	1,955	1,621	836	4,413	16.1%
<i>Lower Eastern Shore</i>	1,731	1,279	1,459	4,469	16.3%
Counties					
Allegany	286	3	1	291	1.1%
Anne Arundel	480	30	31	541	2.0%
Baltimore	1,078	117	48	1,242	4.5%
Baltimore City	0	0	0	0	0.0%
Calvert	270	65	-5	330	1.2%
Caroline	935	466	304	1,704	6.2%
Carroll	1,486	335	86	1,907	7.0%
Cecil	1,170	226	82	1,478	5.4%
Charles	410	25	-8	428	1.6%
Dorchester	574	448	165	1,187	4.3%
Frederick	1,740	322	206	2,268	8.3%
Garrett	751	93	158	1,001	3.7%
Harford	814	122	41	977	3.6%
Howard	517	38	12	567	2.1%
Kent	607	234	97	939	3.4%
Montgomery	856	81	66	1,003	3.7%
Prince George's	506	15	18	538	2.0%
Queen Anne's	752	623	209	1,584	5.8%
St. Mary's	655	52	1	708	2.6%
Somerset	379	395	164	938	3.4%
Talbot	447	355	116	918	3.4%
Washington	1,196	160	339	1,695	6.2%
Wicomico	832	434	673	1,939	7.1%
Worcester	519	242	277	1,038	3.8%

Table 7. Resource Industry Economic Impacts:

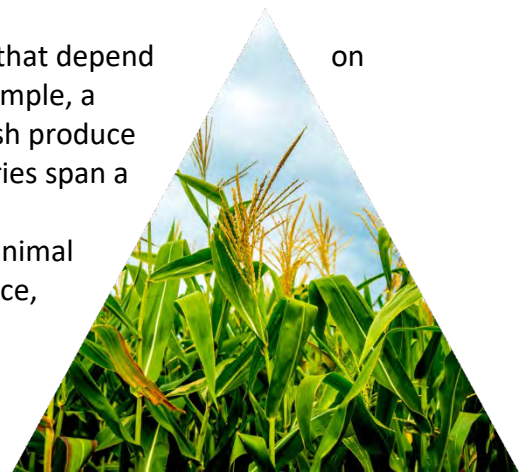
**Resource Industry Economic Impacts:
State and Local Government Tax Impact**

Industry Sector: Agriculture

Geographic Entity	Employee Compensation	Household Expenditures	Sources of Tax Revenue		Total (\$)	% of Total
			Corporations	Taxes on Production and Imports		
State of Maryland	422,988	67,827,601	5,135,723	174,025,951	247,412,263	100%
Regions						
Western Maryland	120,103	19,258,894	1,458,231	49,412,737	70,249,965	28.4%
<i>Appalachian Maryland</i>	50,087	8,031,694	608,138	20,606,998	29,296,919	11.8%
Central Maryland	63,548	10,190,117	771,568	26,144,885	37,170,118	15.0%
Southern Maryland	42,688	6,845,197	518,300	17,562,790	24,968,975	10.1%
Eastern Shore of Maryland	196,649	31,533,393	2,387,623	80,905,540	115,023,205	46.5%
<i>Upper Eastern Shore</i>	67,088	10,757,786	814,550	27,601,357	39,240,781	15.9%
<i>Mid Shore</i>	63,882	10,243,778	775,631	26,282,562	37,365,853	15.1%
<i>Lower Eastern Shore</i>	65,679	10,531,830	797,442	27,021,620	38,416,570	15.5%
Counties						
Allegany	4,880	782,515	59,250	2,007,706	2,854,351	1.2%
Anne Arundel	9,080	1,456,045	110,248	3,735,789	5,311,162	2.1%
Baltimore	20,837	3,341,355	252,998	8,572,948	12,188,139	4.9%
Baltimore City	0	0	0	0	0	0.0%
Calvert	5,536	887,648	67,210	2,277,447	3,237,841	1.3%
Caroline	28,585	4,583,730	347,068	11,760,522	16,719,905	6.8%
Carroll	31,975	5,127,278	388,224	13,155,107	18,702,583	7.6%
Cecil	24,783	3,974,052	300,904	10,196,265	14,496,004	5.9%
Charles	7,171	1,149,893	87,067	2,950,292	4,194,422	1.7%
Dorchester	19,907	3,192,175	241,703	8,190,195	11,643,980	4.7%
Frederick	38,040	6,099,922	461,870	15,650,631	22,250,463	9.0%
Garrett	16,786	2,691,755	203,812	6,906,263	9,818,617	4.0%
Harford	16,377	2,626,096	198,841	6,737,800	9,579,114	3.9%
Howard	9,514	1,525,649	115,518	3,914,374	5,565,056	2.2%
Kent	15,744	2,524,559	191,153	6,477,286	9,208,741	3.7%
Montgomery	16,819	2,697,017	204,211	6,919,762	9,837,809	4.0%
Prince George's	9,026	1,447,393	109,593	3,713,591	5,279,603	2.1%
Queen Anne's	26,561	4,259,175	322,493	10,927,807	15,536,036	6.3%
St. Mary's	11,875	1,904,218	144,182	4,885,672	6,945,948	2.8%
Somerset	15,739	2,523,818	191,097	6,475,384	9,206,038	3.7%
Talbot	15,390	2,467,873	186,861	6,331,845	9,001,969	3.6%
Washington	28,421	4,557,425	345,076	11,693,030	16,623,951	6.7%
Wicomico	32,524	5,215,414	394,897	13,381,239	19,024,074	7.7%
Worcester	17,415	2,792,598	211,448	7,164,997	10,186,458	4.1%

Supporting Industries

The supporting industries sector encompasses in-state industries that depend on Maryland's agricultural producers for supply-chain inputs. For example, a Maryland-based canned vegetable manufacturer that sources fresh produce from local farms would be included in this category. These industries span a wide range of activities, including soil preparation, planting and cultivation, farm management services, and support services for animal production. They also include animal food manufacturing; flour, rice, and wet corn milling; dairy product manufacturing (such as fluid milk, creamery butter, and cheese); animal slaughtering and processing; and beverage production—including breweries, wineries, and distilleries. Additional components, such as fertilizer manufacturing and related processing industries, also fall within this group.



A comprehensive list of supporting industries, along with their corresponding IMPLAN industry codes and NAICS classifications, is presented in Table 8.

In 2023, the supporting industries sector contributed over \$20.7 billion to the state economy (68.6% of RBI total), supported 63,959 jobs (58.9% of RBI total), and added nearly \$702.3 million in combined state and local tax revenue (63.8% of RBI total). Breaking these total impacts down (see Table 9), the supporting industries sector generated over \$13.3 billion in “direct” economic output in 2023. This equals the value of all of the output of the support industry sectors *plus* the value of the Maryland-based supply chain needed by Maryland support industry producers to produce their end products. For example, if a malt manufacturer requires additional machinery or equipment to mill more malt, these supply-chain expenditures would be included in the “direct” output figure. However, supply-chain vendors need to purchase additional inputs from their supply chains to provide these necessary inputs. Continuing with the above example, if a malt manufacturer needs machinery, their equipment suppliers will need to purchase more equipment parts, insurance, fuel, etc.

This second-order (or ripple) effect, whereby input providers purchase more inputs, is known as “indirect” economic output. In 2023, the activities of the supporting industries sector were responsible for an “indirect” economic output of over \$5.1 billion. Finally, the above direct and indirect economic effects ignore how the employees in the affected firms/industries spend their additional income. This household spending results in an additional “induced” economic effect. In 2023, the activities of the supporting industries sector were responsible for “induced” economic output totaling \$2.3 billion. Summing these economic impacts, Maryland’s supporting industries contributed almost \$20.7 billion in total state economic activity.

The “direct” economic impact of the supporting industries sector supported 28,934 jobs in 2023 (see Table 10). The resulting ripple effect of these activities supported 22,647 jobs due to “indirect” economic effects, and an additional 12,379 jobs due to “induced” economic effects

(see the previous paragraph for an explanation of this terminology). Summing these economic impacts, Maryland's supporting industries supported 63,959 jobs.

Breaking down the economic impact of the supporting industries sector by region, Western Maryland contributed over \$2.2 billion to the state economy (10.7% of state supporting industries impact), supported 7,094 jobs (11.1% of state supporting industries job impact), and added nearly \$95.2 million in combined state and local tax revenue (13.6% of state supporting industries tax impact). Central Maryland supporting industries contributed nearly \$11.97 billion to the state economy (57.8% of state supporting industries' impact), supported 33,259 jobs (52.0% of state supporting industries' job impact), and added nearly \$386.9 million in combined state and local tax revenue (55.1% of state supporting industries' tax impact). Southern Maryland supporting industries contributed over \$1.3 billion to the state economy (6.4% of state supporting industries' impact), supported 4,941 jobs (7.7% of state supporting industries' job impact), and added nearly \$66.1 million in combined state and local tax revenue (9.4% of state supporting industries' tax impact). Finally, Eastern Shore supporting industries contributed 4.9 billion to the state economy (23.7% of state supporting industries' impact), supported 11,600 jobs (18.1% of state supporting industries' job impact), and added nearly \$154.1 million in combined state and local tax revenue (21.9% of state supporting industries' tax impact).



Table 8. IMPLAN and NAICS Industries in Supporting Industry Sectors:**Supporting Activities**

NAICS Codes	NAICS Industries	IMPLAN Code	IMPLAN Industry aggregation
115111	Cotton ginning	19	Support activities for agriculture and forestry
115112	Soil preparation, planting, and cultivating	19	
115113	Crop harvesting, primarily by machine	19	
115114	Postharvest crop activities (except cotton ginning)	19	
115115	Farm labor contractors and crew leaders	19	
115116	Farm management services	19	
115210	Support activities for animal production	19	
115310	Support Activities for Forestry	19	
311111	Dog and cat food manufacturing	58	Dog and cat food manufacturing
311119	Other animal food manufacturing	59	Other animal food manufacturing
311211	Flour milling	60	Flour milling
311212	Rice milling	61	Rice milling
311213	Malt manufacturing	62	Malt manufacturing
311221	Wet corn milling	63	Wet corn milling
311224	Soybean and other oilseed processing	64	Soybean and other oilseed processing
311225	Fats and oils refining and blending	65	Fats and oils refining and blending
311230	Breakfast cereal manufacturing	66	Breakfast cereal manufacturing
311314	Cane Sugar Manufacturing	68	Sugar cane mills and refining
311340	Nonchocolate Confectionery Manufacturing	69	Nonchocolate confectionery manufacturing
311351	Chocolate and Confectionery Manufacturing from Cacao Beans	70	Chocolate and confectionery manufacturing from cacao beans
311352	Confectionery Manufacturing from Purchased Chocolate	71	Confectionery manufacturing from purchased chocolate
311411	Frozen fruit, juice, and vegetable manufacturing	72	Frozen fruits, juices and vegetables manufacturing
311412	Frozen specialty food manufacturing	73	Frozen specialties manufacturing
311421	Fruit and vegetable canning	74	Canned fruits and vegetables manufacturing
311422	Specialty canning	75	Canned specialties
311423	Dried and dehydrated food manufacturing	76	Dehydrated food products manufacturing
311513	Cheese manufacturing	77	Cheese manufacturing
311514	Dry, condensed, and evaporated dairy product manufacturing	78	Dry, condensed, and evaporated dairy product manufacturing
311511	Fluid milk manufacturing	79	Fluid milk manufacturing
311512	Creamery butter manufacturing	80	Creamery butter manufacturing
311520	Ice cream and frozen dessert manufacturing	81	Ice cream and frozen dessert manufacturing
311813	Frozen cakes, pies, and other pastries manufacturing	82	Frozen cakes and other pastries manufacturing
311615	Poultry processing	83	Poultry processing

311611	Animal (except poultry) slaughtering	84	Animal, except poultry, slaughtering
311612	Meat processed from carcasses	85	Meat processed from carcasses
311613	Rendering and meat byproduct processing	86	Rendering and meat byproduct processing
311811	Retail bakeries	88	Bread and bakery product, except frozen, manufacturing
311812	Commercial bakeries	88	
311821	Cookie and cracker manufacturing	89	Cookie and cracker manufacturing
311824	Dry pasta, dough, and flour mixes manufacturing from purchased flour	90	Dry pasta, mixes, and dough manufacturing
311830	Tortilla manufacturing	91	Tortilla manufacturing
311911	Roasted nuts and peanut butter manufacturing	92	Roasted nuts and peanut butter manufacturing
311919	Other snack food manufacturing	93	Other snack food manufacturing
311920	Coffee and tea manufacturing	94	Coffee and tea manufacturing
311930	Flavoring syrup and concentrate manufacturing	95	Flavoring syrup and concentrate manufacturing
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	96	Mayonnaise, dressing, and sauce manufacturing
311942	Spice and extract manufacturing	97	Spice and extract manufacturing
311991	Perishable prepared food manufacturing	98	All other food manufacturing
311999	All other miscellaneous food manufacturing	98	
312120	Breweries	101	Breweries
312130	Wineries	102	Wineries
312140	Distilleries	103	Distilleries
312230	Tobacco manufacturing	104	Tobacco manufacturing
325311	Nitrogenous fertilizer manufacturing	159	Nitrogenous fertilizer manufacturing
325312	Phosphatic fertilizer manufacturing	160	Phosphatic fertilizer manufacturing
325314	Fertilizer (mixing only) manufacturing	161	Fertilizer mixing
325320	Pesticide and other agricultural chemical manufacturing	162	Pesticide and other agricultural chemical manufacturing
333111	Farm machinery and equipment manufacturing	252	Farm machinery and equipment manufacturing

Not included in prior reporting

Table 9. Resource Industry Economic Impacts:**Resource Industry Economic Impacts:
Output****Industry Sector: Support Industries**

Geographic Entity	Sector Output				% of State Total
	Direct	Indirect	Induced	Total	
State of Maryland	13,329,861,523	5,148,705,023	2,267,143,229	20,727,001,363	100.0%
Regions					
Western Maryland	1,622,166,009	446,420,091	151,886,675	2,220,472,775	10.7%
<i>Appalachian Maryland</i>	717,016,458	128,437,024	45,239,744	890,693,226	4.3%
Central Maryland	8,047,320,319	2,870,324,425	1,058,815,110	11,976,459,853	57.8%
Southern Maryland	1,004,598,207	230,968,419	83,485,259	1,319,051,885	6.4%
Eastern Shore of Maryland	3,103,152,094	1,487,981,928	325,863,427	4,916,997,449	23.7%
<i>Upper Eastern Shore</i>	701,130,421	263,756,574	50,036,563	1,014,923,559	4.9%
<i>Mid Shore</i>	1,135,379,265	484,949,377	125,437,248	1,745,765,890	8.4%
<i>Lower Eastern Shore</i>	819,267,302	344,328,819	124,298,270	1,287,894,390	6.2%
Counties					
Allegany	122,770,440	20,608,112	7,845,863	151,224,415	0.7%
Anne Arundel	288,641,701	76,548,608	22,889,432	388,079,742	1.9%
Baltimore	1,740,234,499	351,592,789	112,919,678	2,204,746,966	10.6%
Baltimore City	2,769,045,010	675,638,029	110,871,077	3,555,554,116	17.2%
Calvert	28,958,597	4,972,083	3,657,509	37,588,190	0.2%
Caroline	50,122,238	14,695,445	4,122,978	68,940,661	0.3%
Carroll	422,635,007	118,785,134	30,706,123	572,126,264	2.8%
Cecil	462,929,015	124,252,224	25,576,188	612,757,427	3.0%
Charles	27,110,979	4,636,662	1,710,958	33,458,599	0.2%
Dorchester	971,763,377	252,652,884	49,272,811	1,273,689,071	6.1%
Frederick	482,514,544	141,961,407	43,317,809	667,793,759	3.2%
Garrett	33,727,054	14,098,531	6,990,882	54,816,467	0.3%
Harford	955,325,525	262,384,365	76,554,128	1,294,264,018	6.2%
Howard	2,035,837,160	662,605,524	126,819,296	2,825,261,981	13.6%
Kent	135,011,549	30,988,562	5,972,488	171,972,599	0.8%
Montgomery	546,878,125	143,947,795	57,159,865	747,985,785	3.6%
Prince George's	624,102,060	127,494,061	30,749,385	782,345,506	3.8%
Queen Anne's	103,189,858	28,413,940	7,423,327	139,027,125	0.7%
St. Mary's	35,784,870	6,564,023	2,157,359	44,506,252	0.2%
Somerset	26,982,511	10,553,912	2,253,292	39,789,715	0.2%
Talbot	113,493,651	29,253,175	11,584,081	154,330,906	0.7%
Washington	560,518,964	87,591,988	28,882,411	676,993,364	3.3%
Wicomico	580,183,680	226,285,005	69,185,895	875,654,581	4.2%
Worcester	212,101,111	32,561,387	14,466,255	259,128,754	1.3%

Table 10. Resource Industry Economic Impacts:**Resource Industry Economic Impacts:
Employment****Industry Sector: Support Industries**

Sector Employment (Jobs)					
Geographic Entity	Direct	Indirect	Induced	Total	% of State Total
State of Maryland	28,934	22,647	12,379	63,959	100.0%
Regions					
Western Maryland	3,587	2,590	917	7,094	11.1%
Appalachian Maryland	1,290	674	279	2,244	3.5%
Central Maryland	15,915	11,807	5,537	33,259	52.0%
Southern Maryland	3,150	1,303	487	4,941	7.7%
Eastern Shore of Maryland	6,512	5,086	1,916	11,600	18.1%
Upper Eastern Shore	1,571	1,136	314	3,022	4.7%
Mid Shore	3,085	2,032	787	5,904	9.2%
Lower Eastern Shore	2,042	1,222	740	4,004	6.3%
Counties					
Allegany	177	139	50	366	0.6%
Anne Arundel	1,018	355	128	1,501	2.3%
Baltimore	3,992	1,655	671	6,317	9.9%
Baltimore City	4,431	2,459	573	7,463	11.7%
Calvert	214	53	0	289	0.5%
Caroline	177	78	25	280	0.4%
Carroll	1,002	943	192	2,137	3.3%
Cecil	951	544	159	1,655	2.6%
Charles	129	35	11	175	0.3%
Dorchester	2,441	968	319	3,727	5.8%
Frederick	1,295	781	260	2,335	3.7%
Garrett	138	136	45	318	0.5%
Harford	1,876	1,456	478	3,810	6.0%
Howard	3,378	2,607	661	6,646	10.4%
Kent	211	123	36	370	0.6%
Montgomery	2,243	580	294	3,118	4.9%
Prince George's	1,642	662	186	2,490	3.9%
Queen Anne's	410	135	46	591	0.9%
St. Mary's	148	58	13	219	0.3%
Somerset	263	34	13	310	0.5%
Talbot	466	150	74	691	1.1%
Washington	976	422	176	1,573	2.5%
Wicomico	1,333	816	415	2,564	4.0%
Worcester	445	170	88	703	1.1%

Table 11. Resource Industry Economic Impacts:

**Resource Industry Economic Impacts:
State and Local Government Tax Impact**

Industry Sector: Supporting Industries

Geographic Entity	Employee Compensation	Household Expenditures	Sources of Tax Revenue		Total (\$)	% of Total
			Corporations	Taxes on Production and Imports		
State of Maryland	1,872,194	151,999,701	33,771,715	514,656,337	702,299,946	100.0%
Regions						
Western Maryland	253,753	20,601,693	4,577,341	69,755,347	95,188,134	13.6%
<i>Appalachian Maryland</i>	85,122	6,910,906	1,535,484	23,399,662	31,931,174	4.5%
Central Maryland	1,031,480	83,743,778	18,606,425	283,548,360	386,930,042	55.1%
Southern Maryland	176,271	14,311,055	3,179,670	48,455,852	66,122,848	9.4%
Eastern Shore of Maryland	410,691	33,343,175	7,408,279	112,896,777	154,058,923	21.9%
<i>Upper Eastern Shore</i>	98,647	8,008,961	1,779,453	27,117,571	37,004,632	5.3%
<i>Mid Shore</i>	177,169	14,384,029	3,195,884	48,702,937	66,460,020	9.5%
<i>Lower Eastern Shore</i>	134,874	10,950,185	2,432,942	37,076,270	50,594,271	7.2%
Counties						
Allegany	13,800	1,120,371	248,927	3,793,467	5,176,564	0.7%
Anne Arundel	56,601	4,595,284	1,020,993	15,559,188	21,232,065	3.0%
Baltimore	238,223	19,340,815	4,297,196	65,486,134	89,362,367	12.7%
Baltimore City	281,414	22,847,480	5,076,316	77,359,365	105,564,575	15.0%
Calvert	10,914	886,048	196,865	3,000,075	4,093,901	0.6%
Caroline	10,559	857,288	190,475	2,902,696	3,961,018	0.6%
Carroll	80,575	6,541,753	1,453,465	22,149,745	30,225,539	4.3%
Cecil	62,393	5,065,546	1,125,477	17,151,450	23,404,865	3.3%
Charles	6,604	536,193	119,133	1,815,498	2,477,428	0.4%
Dorchester	140,557	11,411,548	2,535,449	38,638,401	52,725,955	7.5%
Frederick	88,055	7,149,034	1,588,392	24,205,940	33,031,421	4.7%
Garrett	12,007	974,803	216,584	3,300,588	4,503,982	0.6%
Harford	143,652	11,662,814	2,591,276	39,489,165	53,886,908	7.7%
Howard	250,627	20,347,934	4,520,960	68,896,142	94,015,663	13.4%
Kent	13,953	1,132,807	251,690	3,835,575	5,234,025	0.7%
Montgomery	117,563	9,544,735	2,120,676	32,317,554	44,100,529	6.3%
Prince George's	93,909	7,624,302	1,693,989	25,815,153	35,227,354	5.0%
Queen Anne's	22,301	1,810,609	402,286	6,130,546	8,365,742	1.2%
St. Mary's	8,243	669,227	148,691	2,265,938	3,092,099	0.4%
Somerset	11,671	947,586	210,537	3,208,433	4,378,228	0.6%
Talbot	26,053	2,115,193	469,960	7,161,841	9,773,047	1.4%
Washington	59,316	4,815,733	1,069,973	16,305,607	22,250,628	3.2%
Wicomico	96,701	7,850,954	1,744,347	26,582,572	36,274,573	5.2%
Worcester	26,502	2,151,645	478,059	7,285,264	9,941,470	1.4%

Forestry

The forestry sector encompasses a broad range of activities related to forest management, timber production, and wood product manufacturing. This includes forestry and timber tract operations, commercial logging, and a variety of wood processing and manufacturing industries such as sawmills, wood preservation, veneer and plywood production, engineered wood member and truss manufacturing, and reconstituted wood product manufacturing.



Additional components include the production of wood windows and doors; cut stock, re-sawn lumber, and planing operations; other millwork (including flooring); and the manufacturing of wood containers, pallets, and prefabricated wood buildings. The sector also includes paper and pulp industries, such as pulp mills, paper mills, and paperboard mills, as well as the manufacturing of paperboard containers, paper bags, coated and treated paper, stationery products, sanitary paper products, and other converted paper goods. Furthermore, furniture and cabinetry manufacturing—including wood kitchen cabinets and countertops, non-upholstered wood household furniture, wood office furniture, and custom architectural woodwork and millwork—are integral components of the forestry industry.

A complete list of forestry-related industries, along with their corresponding IMPLAN industry codes and NAICS classifications, is provided in Table 12. Together, these industries represent both the primary forestry commodity producers (such as logging operations) and the downstream processors and manufacturers (such as sawmills and paper mills) that add value throughout Maryland’s forestry supply chain.

According to the Maryland Department of Natural Resources (DNR), state forestry management emphasizes sustainable and certifiable practices, including limits on clear-cutting and the ongoing monitoring of forest cover. These initiatives, supported through the Maryland Forest Technical Study and DNR program activities, aim to balance ecological conservation with economic productivity. Such policies help strengthen market confidence among buyers seeking verified sustainability standards, though they may also extend harvest timelines and influence the types and quantities of timber delivered to mills.⁷

The forestry industry has also experienced notable structural changes in recent years. One major example is the closure of the Verso paper mill in Luke, Maryland, in 2019. As a key employer for more than a century, the mill’s shutdown resulted in the loss of hundreds of direct jobs and disrupted regional supply chains and transportation networks. Since the closure, the

⁷ Maryland Department of Natural Resources, Sustainable Forestry Initiative 2025, Bureau Veritas Certification Audit Report, April 8–11, 2025.

site has undergone liquidation and redevelopment discussions, yet the economic repercussions continue to affect Western Maryland. The loss of a major pulpwood purchaser has contributed to reduced local demand, limited processing capacity, and weaker secondary markets.⁸

Overall, Maryland's forestry economy continues to evolve as the sector adapts to changing market conditions, policy requirements, and sustainability priorities. Landowners and logging operations are diversifying toward smaller buyers, wood-fuel and biomass markets, and export opportunities. These shifts are expected to alter trucking patterns, pricing dynamics, and supply chain logistics. The state's commitment to sustainable harvesting and reforestation practices will continue to shape the long-term availability and composition of timber supply. For communities historically dependent on large mills such as Luke, economic recovery will depend on redevelopment initiatives, niche wood product markets, and non-timber forest income as pathways for local revitalization.

In 2023, the forestry sector contributed over \$4.1 billion (13.8% of RBI total) to the state economy, supported 14,099 jobs (13.0% of RBI total), and added just over \$139.5 million (12.7% RBI total) in combined state and local tax revenue. Breaking these total impacts down (see Table 13), the forestry sector generated nearly \$2.8 billion in "direct" economic output in 2023. This equals the value of all of the output of the forestry sector *plus* the value of the Maryland-based supply chain needed by Maryland forestry producers to produce their lumber and paper products. For example, if a timber worker requires outside machinery or repairs to said machinery to produce quality wood products, these supply-chain expenditures would be included in the "direct" output figure. However, supply-chain vendors need to purchase additional inputs from their supply chains to provide these necessary inputs.

Continuing with the above example, if a machinery supplier needs to provide more products, they will need to purchase more steel, fuel, insurance services, etc. This second-order (or ripple) effect, whereby input providers purchase more inputs, is known as "indirect" economic output. In 2023, the activities of the forestry sector were responsible for an "indirect" economic output of nearly \$965.7 million. Finally, the above direct and indirect economic effects ignore how the employees in the affected firms/industries spend their additional income. This household spending results in an additional "induced" economic effect. In 2023, the activities of the forestry sector were responsible for "induced" economic output totaling \$460.4 million. Summing these economic impacts, Maryland forestry contributed \$4.2 billion in total state economic activity.

The "direct" economic impact of the forestry sector supported 7,339 jobs in 2023 (see Table 14). The resulting ripple effect of these activities supported 4,248 jobs due to "indirect" economic effects, and an additional 2,511 jobs due to "induced" economic effects (see the previous paragraph for an explanation of this terminology). Summing these economic impacts, Maryland forestry supported a total of 14,099 jobs.

⁸ "Liquidation Firm Purchases Luke Paper Mill," Nip Impressions, May 13, 2022.

Breaking down the economic impact of forestry by region, Western Maryland contributed \$1.4 billion to the state economy (34.1% of state forestry impact), supported 4,692 jobs (33.3% of state forestry job impact), and added over \$55.4 million in combined state and local tax revenue (39.8% of state forestry tax impact). Central Maryland forestry contributed \$1.1 billion to the state economy (27.4% of state forestry impact), supported 3,639 jobs (25.8% of state forestry job impact), and added over \$36.5 million in combined state and local tax revenue (26.2% of state forestry tax impact).

Southern Maryland forestry contributed over \$721.1 million to the state economy (17.3% of state forestry impact), supported 2,376 jobs (16.9% of state forestry job impact), and added over \$28.0 million in combined state and local tax revenue (20.1% of state forestry tax impact). Finally, Eastern Shore forestry contributed over \$707.8 million to the state economy (17.0% of state forestry impact), supported 1,952 jobs (13.8% of state forestry job impact), and added \$19.5 million in combined state and local tax revenue (14.0% of state forestry tax impact).



Table 12. IMPLAN and NACIS Industries in Forestry Sector:**Forestry**

NAICS Codes	NAICS Industries	IMPLAN Code	IMPLAN Industry aggregation
113110	Timber Tract Operations	15	Forestry, forest products, and timber tract production
113210	Forest Nurseries and Gathering of Forest Products	15	
113310	Logging	16	Commercial logging
321113	Sawmills	124	Sawmills
321114	Wood Preservation	125	Wood preservation
321211	Hardwood Veneer and Plywood Manufacturing	126	Veneer and plywood manufacturing
321212	Softwood Veneer and Plywood Manufacturing		
321213	Engineered Wood Member (except Truss) Manufacturing	127	Engineered wood member and truss manufacturing
321214	Truss Manufacturing	128	Reconstituted wood product manufacturing
321219	Reconstituted Wood Product Manufacturing		
321911	Wood Window and Door Manufacturing	129	Wood windows and door manufacturing
321912	Cut Stock, Resawing Lumber, and Planing	130	Cut stock, resawing lumber, and planing
321918	Other Millwork (including Flooring)	131	Other millwork, including flooring
321920	Wood Container and Pallet Manufacturing	132	Wood container and pallet manufacturing
321992	Prefabricated Wood Building Manufacturing	134	Prefabricated wood building manufacturing
321999	All Other Miscellaneous Wood Product Manufacturing	135	All other miscellaneous wood product manufacturing
322110	Pulp Mills	136	Pulp mills
322121	Paper (except Newsprint) Mills	137	Paper mills
322122	Newsprint Mills		
322130	Paperboard Mills	138	Paperboard mills
322211	Corrugated and Solid Fiber Box Manufacturing	139	Paperboard container manufacturing
322212	Folding Paperboard Box Manufacturing	139	
322219	Other Paperboard Container Manufacturing	139	
322220	Paper Bag and Coated and Treated Paper Manufacturing	140	Paper bag and coated and treated paper manufacturing
322230	Stationery Product Manufacturing	141	Stationery product manufacturing

322291	Sanitary Paper Product Manufacturing	142	Sanitary paper product manufacturing
322299	All Other Converted Paper Product Manufacturing	143	All other converted paper product manufacturing
337110	Wood cabinet manufacturing	348	Wood kitchen cabinet and countertop manufacturing
337122	Wooden household furniture manufacturing	350	Non-upholstered wood household furniture manufacturing
337211	Wooden office furniture manufacturing	353	Wood office furniture manufacturing
337212	Architectural millwork (including flooring)	354	Custom architectural woodwork and millwork

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Table 13. Resource Industry Economic Impacts:**Resource Industry Economic Impacts:
Output****Industry Sector: Forestry**

					Sector Output
Geographic Entity	Direct	Indirect	Induced	Total	% of State Total
State of Maryland	2,749,501,360	965,686,839	460,387,896	4,175,576,094	100.0%
Regions					
Western Maryland	1,045,200,663	271,548,651	107,627,941	1,424,377,255	34.1%
<i>Appalachian Maryland</i>	543,454,005	132,759,614	44,242,608	720,456,228	17.3%
Central Maryland	783,299,585	275,470,657	86,361,369	1,145,131,612	27.4%
Southern Maryland	546,188,070	127,516,509	47,365,801	721,070,380	17.3%
Eastern Shore of Maryland	468,129,972	175,725,566	63,944,846	707,800,384	17.0%
<i>Upper Eastern Shore</i>	79,648,181	22,100,449	6,004,632	107,753,262	2.6%
<i>Mid Shore</i>	216,008,918	61,281,484	20,017,284	297,307,687	7.1%
<i>Lower Eastern Shore</i>	79,155,942	22,934,892	7,489,833	109,580,668	2.6%
Counties					
Allegany	171,579,628	36,373,468	18,644,616	226,597,713	5.4%
Anne Arundel	270,929,543	70,869,252	17,875,878	359,674,673	8.6%
Baltimore	222,411,883	53,113,908	13,198,852	288,724,643	6.9%
Baltimore City	294,156,738	72,824,859	14,066,586	381,048,183	9.1%
Calvert	9,887,606	1,842,286	195,124	11,925,015	0.3%
Caroline	97,145,045	20,759,958	3,582,421	121,487,425	2.9%
Carroll	314,963,416	67,291,486	26,456,266	408,711,168	9.8%
Cecil	48,668,479	10,841,014	3,052,144	62,561,637	1.5%
Charles	44,361,252	9,692,440	2,639,533	56,693,225	1.4%
Dorchester	76,058,834	15,911,193	3,684,087	95,654,115	2.3%
Frederick	186,783,241	41,473,288	18,201,604	246,458,133	5.9%
Garrett	141,867,189	53,737,314	13,956,948	209,561,452	5.0%
Harford	19,045,426	5,266,446	1,641,503	25,953,375	0.6%
Howard	21,588,086	7,105,861	47,172	28,741,119	0.7%
Kent	8,599,363	1,384,151	672,299	10,655,813	0.3%
Montgomery	226,097,452	45,709,695	-2,001,168	269,805,979	6.5%
Prince George's	205,454,694	39,041,507	13,037,216	257,533,417	6.2%
Queen Anne's	22,380,339	8,553,835	1,585,626	32,519,800	0.8%
St. Mary's	15,554,975	2,635,340	1,170,640	19,360,955	0.5%
Somerset	6,154,593	264,585	533,232	6,952,410	0.2%
Talbot	42,805,039	8,952,302	4,403,971	56,161,312	1.3%
Washington	230,007,188	46,516,580	12,085,868	288,609,636	6.9%
Wicomico	55,704,900	15,190,711	3,675,863	74,571,474	1.8%
Worcester	17,296,450	6,757,956	822,720	24,877,127	0.6%

Table 14. Resource Industry Economic Impacts:

**Resource Industry Economic Impacts:
Employment**

Industry Sector: Forestry

Geographic Entity	Sector Output				
	Direct	Indirect	Induced	Total	% of State Total
State of Maryland	7,339	4,248	2,511	14,099	100.0%
Regions					
Western Maryland	2,858	1,185	649	4,692	33.3%
<i>Appalachian Maryland</i>	1,606	620	274	2,500	17.7%
Central Maryland	2,011	1,176	453	3,639	25.8%
Southern Maryland	1,484	614	277	2,376	16.9%
Eastern Shore of Maryland	1,118	835	376	1,952	13.8%
<i>Upper Eastern Shore</i>	244	109	38	391	2.8%
<i>Mid Shore</i>	489	343	125	957	6.8%
<i>Lower Eastern Shore</i>	252	120	44	416	2.9%
Counties					
Allegany	715	176	119	1,011	7.2%
Anne Arundel	604	307	100	1,011	7.2%
Baltimore	552	269	79	900	6.4%
Baltimore City	778	315	73	1,167	8.3%
Calvert	43	11	1	55	0.4%
Caroline	177	117	22	316	2.2%
Carroll	728	293	166	1,187	8.4%
Cecil	125	52	19	195	1.4%
Charles	139	76	17	233	1.7%
Dorchester	169	96	24	289	2.0%
Frederick	522	186	109	817	5.8%
Garrett	370	253	90	712	5.1%
Harford	68	31	10	110	0.8%
Howard	81	29	0	109	0.8%
Kent	52	8	4	64	0.5%
Montgomery	530	195	-10	715	5.1%
Prince George's	589	193	79	862	6.1%
Queen Anne's	68	38	10	116	0.8%
St. Mary's	109	21	7	137	1.0%
Somerset	42	3	3	47	0.3%
Talbot	142	50	28	220	1.6%
Washington	521	228	74	823	5.8%
Wicomico	162	78	22	261	1.9%
Worcester	48	35	5	88	0.6%

Table 15. Resource Industry Economic Impacts:

**Resource Industry Economic Impacts:
State and Local Government Tax Impact**

Industry Sector: Forestry

Geographic Entity	Employee Compensation	Household Expenditures	Sources of Tax Revenue		Total (\$)	% of Total
			Corporations	Taxes on Production and Imports		
State of Maryland	505,444	32,696,447	7,469,807	98,877,451	139,549,148	100.0%
Regions						
Western Maryland	200,927	12,997,697	2,969,445	39,306,386	55,474,455	39.8%
<i>Appalachian Maryland</i>	112,426	7,272,681	1,661,512	21,993,344	31,039,963	22.2%
Central Maryland	132,499	8,571,171	1,958,164	25,920,110	36,581,943	26.2%
Southern Maryland	101,454	6,562,924	1,499,361	19,846,965	28,010,705	20.1%
Eastern Shore of Maryland	70,564	4,564,654	1,042,838	13,803,989	19,482,044	14.0%
<i>Upper Eastern Shore</i>	16,578	1,072,422	245,005	3,243,116	4,577,122	3.3%
<i>Mid Shore</i>	36,454	2,358,186	538,750	7,131,400	10,064,791	7.2%
<i>Lower Eastern Shore</i>	17,531	1,134,046	259,083	3,429,472	4,840,132	3.5%
Counties						
Allegany	44,622	2,886,516	659,451	8,729,126	12,319,715	8.8%
Anne Arundel	44,659	2,888,930	660,003	8,736,423	12,330,015	8.8%
Baltimore	39,723	2,569,612	587,052	7,770,772	10,967,158	7.9%
Baltimore City	51,520	3,332,730	761,393	10,078,523	14,224,166	10.2%
Calvert	2,420	156,549	35,765	473,420	668,155	0.5%
Caroline	13,974	903,945	206,515	2,733,623	3,858,057	2.8%
Carroll	52,414	3,390,583	774,610	10,253,476	14,471,083	10.4%
Cecil	8,632	558,360	127,563	1,688,540	2,383,094	1.7%
Charles	10,282	665,157	151,961	2,011,504	2,838,905	2.0%
Dorchester	12,750	824,795	188,432	2,494,265	3,520,243	2.5%
Frederick	36,087	2,334,433	533,323	7,059,567	9,963,410	7.1%
Garrett	31,448	2,034,337	464,763	6,152,048	8,682,597	6.2%
Harford	4,852	313,900	71,713	949,265	1,339,731	1.0%
Howard	4,834	312,677	71,434	945,568	1,334,512	1.0%
Kent	2,840	183,695	41,967	555,511	784,012	0.6%
Montgomery	31,571	2,042,252	466,571	6,175,982	8,716,376	6.2%
Prince George's	38,043	2,460,923	562,221	7,442,088	10,503,275	7.5%
Queen Anne's	5,107	330,367	75,475	999,065	1,410,015	1.0%
St. Mary's	6,050	391,366	89,411	1,183,530	1,670,357	1.2%
Somerset	2,096	135,560	30,970	409,947	578,572	0.4%
Talbot	9,730	629,447	143,803	1,903,512	2,686,492	1.9%
Washington	36,356	2,351,827	537,297	7,112,170	10,037,651	7.2%
Wicomico	11,542	746,649	170,579	2,257,945	3,186,715	2.3%
Worcester	3,893	251,837	57,534	761,580	1,074,845	0.8%

Seafood & Aquaculture

The seafood sector encompasses commercial fishing and seafood product preparation and packaging, representing a key component of Maryland’s resource-based industries. A complete list of seafood-related industries, along with their corresponding IMPLAN industry codes and NAICS classifications, is presented in Table 16. These industries include both the primary commodity producers (such as commercial fishermen) and the downstream processors, refiners, and manufacturers (such as marine fuel suppliers) that support and extend the value chain.



Within the IMPLAN framework, aquaculture is classified as part of the agricultural sector. Accordingly, the economic impact of aquaculture subsectors is reflected within the agricultural totals presented earlier in this report. The following section details the economic impact of the seafood sector, followed by an estimate of the combined economic impact of Maryland’s seafood and aquaculture industries.

In recent years, Maryland has experienced notable growth and diversification within its aquaculture industry—particularly in shellfish production. With record oyster aquaculture harvests, increased leased acreage, and substantial juvenile oyster plantings, the state continues to expand its capacity in sustainable shellfish aquaculture. This growth has generated both economic benefits, through higher production and dockside value, and ecological benefits, such as improved water filtration and habitat restoration.



In 2023, Maryland’s oyster aquaculture industry reported a record harvest of 94,286 bushels, representing an increase of 29 bushels compared to 2022. The bay scallop harvest increased by 44.9% from the previous year, and for the first time since 2017, a modest hard clam harvest was recorded. The estimated dockside value of the oyster aquaculture industry reached \$7 million in 2023—an increase of more than \$84,000 from 2022. During that same year, the Maryland Department of Natural Resources (DNR) received 16 new shellfish lease applications and issued 14 new leases, further indicating continued sectoral growth and investment.⁹

Maryland remains the national leader in blue crab harvests from the Chesapeake Bay and continues to be a significant producer of oysters, soft clams, striped bass, flounder, perch, spot, croaker, catfish, sea trout, and bluefish.¹⁰ Contrary to common perception, oysters are not solely a

⁹ Matthew Parker, Donald Webster & Rebecca Thur, Maryland Shellfish Aquaculture Industry: 2023 at a Glance, FS-2024-0732 (University of Maryland Extension and Maryland Sea Grant, January 2025).

¹⁰ Maryland Manual On-Line, “Maryland Seafood Sector,” Maryland Manual.

food resource—they are a keystone species that contribute to water quality and habitat stability. As of 2024, DNR estimates indicate that more than 12 billion oysters inhabit Maryland’s portion of the Chesapeake Bay, including approximately 7.6 billion adult oysters and 5.0 billion juvenile oysters (spat).¹¹

As of October 2025, the Maryland Department of Natural Resources reported strong fishing conditions across the Chesapeake Bay, with notable activity for striped bass, smallmouth bass, walleye, catfish, speckled trout, white perch, bluefish, slot-sized red drum, and blue crabs. In freshwater environments, anglers reported favorable catches of walleye, smallmouth bass, largemouth bass, and northern pike, while Atlantic Ocean and Coastal Bays fisheries featured species such as large red drum, striped bass, bluefish, flounder, yellowfin tuna, bigeye tuna, longfin albacore, and dolphin (mahi-mahi).¹²

In February 2025, Governor Wes Moore announced the Chesapeake Bay Legacy Act, legislation designed to support the continued growth and sustainability of Maryland’s aquaculture sector. The act streamlines permitting for aquaculture leases, enabling leaseholders to maintain operations while renewals are under review. It also allows oyster restoration projects to qualify for water quality trading credits and reinforces the state’s emphasis on conservation, environmental protection, and economic development. Together, these efforts support job creation and sustainability initiatives that benefit both the aquaculture and agricultural industries.

In 2023, the seafood sector contributed over \$317.4 million to the state economy (1.1% of RBI total), supported 3,014 jobs (2.8% of RBI total), and added over \$11.9 million in combined state and local tax revenue (1.1% of RBI total). Breaking these total impacts down (see Table 17), the seafood sector generated over \$224.8 million in “direct” economic output in 2023. This equals the value of all of the output of the seafood and aquaculture sector, *plus* the value of the Maryland-based supply chain needed by Maryland seafood and aquaculture producers to produce fish. For example, if a fisherman needs to increase the time spent on the water, this will require more fuel or a new engine from their supplier.

These supply-chain expenditures would be included in the “direct” output figure. However, supply-chain vendors need to purchase additional inputs from their supply chains to provide these necessary inputs. Continuing with the above example, if the engine supplier needs to produce more engines, they will need to purchase more iron, engineering, and transportation services. This second-order (or ripple) effect, whereby input providers purchase more inputs, is known as “indirect” economic output. In 2023, the activities of the seafood and aquaculture sector were responsible for an “indirect” economic output of \$60.6 million. Finally, the above direct and indirect economic effects ignore how the employees in the affected firms/industries spend their additional income. This household spending results in an additional “induced”

¹¹ Maryland Department of Natural Resources, “Maryland Oyster Stock Assessment Records Long-Term Increase in Oyster Abundance,” *Maryland DNR News*, May 19, 2025.

¹² Maryland Department of Natural Resources, “Maryland Fishing Report – October 8, 2025,” *Maryland DNR News*, October 8, 2025.

economic effect. In 2023, the activities of the seafood sector were responsible for “induced” economic output totaling nearly \$31.9 million. Summing these economic impacts, the Maryland Seafood sector contributed over \$317.4 million in total state economic activity.

Concerning jobs, the “direct” economic impact of the seafood sector supported 2,360 jobs in 2023 (see Table 18). The resulting ripple effect of these activities supported 479 jobs due to “indirect” economic effects and an additional 174 jobs due to “induced” economic effects (see the previous paragraph for an explanation of this terminology). Summing these economic impacts, Maryland seafood and aquaculture supported 3,014 jobs.

Breaking down the economic impact of seafood by region, Western Maryland contributed over \$12.6 million to the state economy (4.0% of the state seafood impact), supported 66 jobs (2.2% of state seafood job impact), and added nearly \$265 thousand in combined state and local tax revenue (2.2% of state seafood and aquaculture tax impact). Central Maryland seafood contributed nearly \$25.4 million to the state economy (8.0% of state seafood impact), supported 333 jobs (11.0% of state seafood job impact), and added nearly \$1.3 million in combined state and local tax revenue (11.0% of state seafood and aquaculture tax impact). Southern Maryland seafood contributed nearly \$15.4 million to the state economy (4.9% of state seafood impact), supported 431 jobs (14.3% of state seafood job impact), and added \$1.8 million in combined state and local tax revenue (15.1% of state seafood tax impact). Finally, Eastern Shore seafood contributed over \$315.2 million to the state economy (99.3% of state seafood impact), supported 2,212 jobs (73.4% of state seafood job impact), and added over \$8.6 million in combined state and local tax revenue (71.7% of state seafood tax impact).

Based on the USDA Census of Agriculture (2022),¹³ the estimated direct aquaculture output in Maryland is \$20.5 million. Aquaculture represents approximately 8.0% of the direct seafood output in Maryland (and 28.0% of the total sector 14: “Animal production, except cattle, eggs, and poultry,” that it is included with). Using this output, we have estimated the impact of the seafood industry, including the output of the aquaculture sector. It is important to note that these aquaculture impacts are already reflected in the output of the agriculture industry. They are included here to illustrate the total seafood output of the state. Figure 3 below provides an overview of the estimated seafood and aquaculture economic impact. Figure 3 is included to give a more precise measure of the combined seafood and aquaculture industry; the summary tables will not include the aquaculture impacts, only seafood.

Figure 3. Maryland Seafood and Aquaculture Impact Estimate

	Direct	Indirect	Induced	Total
Seafood	224,825,172	60,642,892	31,948,249	317,416,313
Aquaculture (2022)	20,503,000	219,731	16,741,171	37,463,902
Total	245,328,172	60,862,623	48,689,421	354,880,215

*Note: Indirect and Induced are estimated based on sector 14 industry rations

¹³ U.S. Department of Agriculture, Census of Agriculture, “2023 Census of Aquaculture / 2022 Census of Agriculture.”

Table 16. IMPLAN and NACIS Industries in Seafood and Aquaculture Sector:

Seafood

NAICS Codes	NAICS Industries	IMPLAN Code	IMPLAN Industry aggregation
114111	Finfish Fishing	17	Commercial fishing
114112	Shellfish Fishing	17	
114119	Other Marine Fishing	17	
311710	Seafood Product Preparation and Packaging	87	Seafood product preparation and packaging

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Table 17. Resource Industry Economic Impacts:**Resource Industry Economic Impacts:
Output****Industry Sector: Aquaculture**

Sector Output					
Geographic Entity	Direct	Indirect	Induced	Total	% of State Total
State of Maryland	224,825,172	60,642,892	31,948,249	317,416,313	100.0%
Regions					
Western Maryland	10,458,363	1,314,708	806,536	12,579,607	4.0%
<i>Appalachian Maryland</i>	0	0	0	0	0.0%
Central Maryland	18,151,190	4,508,456	2,778,381	25,438,027	8.0%
Southern Maryland	13,281,634	1,091,914	1,055,079	15,428,627	4.9%
Eastern Shore of Maryland	229,057,452	64,699,244	21,438,030	315,194,727	99.3%
<i>Upper Eastern Shore</i>	15,071,037	2,989,156	1,140,277	19,200,471	6.0%
<i>Mid Shore</i>	84,112,681	23,982,382	8,219,896	116,314,959	36.6%
<i>Lower Eastern Shore</i>	83,750,266	21,816,890	9,292,711	114,859,866	36.2%
Counties					
Allegany	0	0	0	0	0.0%
Anne Arundel	4,144,832	26,535	195,458	4,366,825	1.4%
Baltimore	2,063,169	13,064	138,645	2,214,878	0.7%
Baltimore City	14,596,078	3,131,290	1,063,818	18,791,186	5.9%
Calvert	3,670,070	224,750	417,310	4,312,130	1.4%
Caroline	0	0	0	0	0.0%
Carroll	4,533,032	26,328	223,900	4,783,260	1.5%
Cecil	1,317,223	4,083	223,442	1,544,748	0.5%
Charles	290,542	1,228	14,928	306,698	0.1%
Dorchester	80,081,493	15,608,437	4,025,596	99,715,526	31.4%
Frederick	5,925,331	940,729	416,308	7,282,368	2.3%
Garrett	0	0	0	0	0.0%
Harford	749,321	114,218	15,022	878,561	0.3%
Howard	0	0	0	0	0.0%
Kent	6,166,391	819,137	218,377	7,203,905	2.3%
Montgomery	742,622	96,978	88,367	927,967	0.3%
Prince George's	3,113,491	743,038	138,379	3,994,907	1.3%
Queen Anne's	7,587,424	1,485,958	581,270	9,654,652	3.0%
St. Mary's	2,062,700	17,308	91,786	2,171,794	0.7%
Somerset	49,876,737	9,063,884	1,523,606	60,464,227	19.0%
Talbot	4,031,188	888,845	368,725	5,288,757	1.7%
Washington	0	0	0	0	0.0%
Wicomico	9,613,068	2,349,503	1,116,018	13,078,589	4.1%
Worcester	24,260,462	1,467,641	1,396,454	27,124,556	8.5%

Table 18. Resource Industry Economic Impacts:

**Resource Industry Economic Impacts:
Employment**

Industry Sector: Aquaculture

Sector Employment (Jobs)					
Geographic Entity	Direct	Indirect	Induced	Total	% of State Total
State of Maryland	2,360	479	174	3,014	100.0%
Regions					
Western Maryland	54	7	5	66	2.2%
<i>Appalachian Maryland</i>	0	0	0	0	0.0%
Central Maryland	292	26	15	333	11.0%
Southern Maryland	416	9	6	431	14.3%
Eastern Shore of Maryland	1,612	599	125	2,212	73.4%
<i>Upper Eastern Shore</i>	197	35	7	240	7.9%
<i>Mid Shore</i>	359	216	51	626	20.8%
<i>Lower Eastern Shore</i>	1,040	302	55	1,398	46.4%
Counties					
Allegany	0	0	0	0	0.0%
Anne Arundel	139	0	1	140	4.6%
Baltimore	140	0	1	141	4.7%
Baltimore City	83	15	5	104	3.4%
Calvert	81	5	3	88	2.9%
Caroline	0	0	0	0	0.0%
Carroll	44	0	1	46	1.5%
Cecil	78	0	1	80	2.6%
Charles	21	0	0	21	0.7%
Dorchester	352	165	26	543	18.0%
Frederick	10	5	2	18	0.6%
Garrett	0	0	0	0	0.0%
Harford	69	0	0	70	2.3%
Howard	0	0	0	0	0.0%
Kent	12	5	1	18	0.6%
Montgomery	1	0	0	2	0.1%
Prince George's	6	4	1	10	0.3%
Queen Anne's	107	31	4	142	4.7%
St. Mary's	170	0	1	171	5.7%
Somerset	247	131	9	387	12.8%
Talbot	7	6	2	15	0.5%
Washington	0	0	0	0	0.0%
Wicomico	126	26	7	159	5.3%
Worcester	668	31	8	707	23.5%

Table 19. Resource Industry Economic Impacts:

**Resource Industry Economic Impacts:
State and Local Government Tax Impact**

Industry Sector: Seafood

Geographic Entity	Employee Compensation	Household Expenditures	Sources of Tax Revenue		Total (\$)	% of Total
			Corporations	Taxes on Production and Imports		
State of Maryland	27,902	2,320,910	790,303	8,806,858	11,945,973	100.0%
Regions						
Western Maryland	620	51,587	17,566	195,749	265,522	2.2%
<i>Appalachian Maryland</i>	0	0	0	0	0	0.0%
Central Maryland	3,079	256,139	87,219	971,936	1,318,373	11.0%
Southern Maryland	4,200	349,321	118,949	1,325,525	1,797,995	15.1%
Eastern Shore of Maryland	20,003	1,663,863	566,569	6,313,647	8,564,083	71.7%
<i>Upper Eastern Shore</i>	2,338	194,513	66,234	738,093	1,001,179	8.4%
<i>Mid Shore</i>	5,443	452,719	154,157	1,717,876	2,330,195	19.5%
<i>Lower Eastern Shore</i>	12,222	1,016,631	346,177	3,857,678	5,232,709	43.8%
Counties						
Allegany	0	0	0	0	0	0.0%
Anne Arundel	1,366	113,606	38,685	431,087	584,744	4.9%
Baltimore	1,373	114,204	38,888	433,356	587,822	4.9%
Baltimore City	1,011	84,090	28,634	319,084	432,819	3.6%
Calvert	863	71,797	24,448	272,440	369,549	3.1%
Caroline	0	0	0	0	0	0.0%
Carroll	448	37,259	12,687	141,383	191,777	1.6%
Cecil	776	64,534	21,975	244,879	332,163	2.8%
Charles	201	16,724	5,695	63,460	86,079	0.7%
Dorchester	5,299	440,780	150,092	1,672,573	2,268,744	19.0%
Frederick	172	14,327	4,879	54,366	73,744	0.6%
Garrett	0	0	0	0	0	0.0%
Harford	679	56,447	19,221	214,191	290,537	2.4%
Howard	0	0	0	0	0	0.0%
Kent	176	14,660	4,992	55,628	75,457	0.6%
Montgomery	17	1,398	476	5,305	7,195	0.1%
Prince George's	101	8,413	2,865	31,922	43,300	0.4%
Queen Anne's	1,386	115,319	39,268	437,586	593,560	5.0%
St. Mary's	1,668	138,781	47,257	526,616	714,323	6.0%
Somerset	3,771	313,646	106,801	1,190,151	1,614,369	13.5%
Talbot	144	11,939	4,065	45,303	61,450	0.5%
Washington	0	0	0	0	0	0.0%
Wicomico	1,551	129,024	43,934	489,590	664,100	5.6%
Worcester	6,900	573,961	195,442	2,177,937	2,954,241	24.7%

Regional Summary Tables

**Table 20. Maryland
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	2,942,681,799	1,176,216,848	863,049,072	4,981,947,720
Forestry	2,749,501,360	965,686,839	460,387,896	4,175,576,094
Seafood	224,825,172	60,642,892	31,948,249	317,416,313
Supporting industries	13,329,861,523	5,148,705,023	2,267,143,229	20,727,001,363
All Resource-Based Industries	19,246,869,853	7,351,251,603	3,622,528,446	30,201,941,490

**Table 21. Maryland
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	17,255	5,412	4,722	27,389
Forestry	7,339	4,248	2,511	14,099
Seafood	2,360	479	174	3,014
Supporting industries	28,934	22,647	12,379	63,959
All Resource-Based Industries	55,889	32,786	19,786	108,461

**Table 22. Maryland
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	422,988	67,827,601	5,135,723	174,025,951	247,412,263
Forestry	505,444	32,696,447	7,469,807	98,877,451	139,549,148
Seafood	27,902	2,320,910	790,303	8,806,858	11,945,973
Supporting industries	1,872,194	151,999,701	33,771,715	514,656,337	702,299,946
All Resource-Based Industries	2,828,528	254,844,658	47,167,548	796,366,596	1,101,207,330

**Table 23. Western Maryland
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	492,478,705	101,811,818	137,185,447	731,475,970
Forestry	1,045,200,663	271,548,651	107,627,941	1,424,377,255
Seafood	10,458,363	1,314,708	806,536	12,579,607
Supporting industries	1,622,166,009	446,420,091	151,886,675	2,220,472,775
All Resource-Based Industries	3,170,303,739	821,095,268	397,506,599	4,388,905,606

**Table 24. Western Maryland
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	5,460	886	828	7,174
Forestry	2,858	1,185	649	4,692
Seafood	54	7	5	66
Supporting industries	3,587	2,590	917	7,094
All Resource-Based Industries	11,960	4,668	2,399	19,027

**Table 25. Western Maryland
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	120,103	19,258,894	1,458,231	49,412,737	70,249,965
Forestry	200,927	12,997,697	2,969,445	39,306,386	55,474,455
Seafood	620	51,587	17,566	195,749	265,522
Supporting industries	253,753	20,601,693	4,577,341	69,755,347	95,188,134
All Resource-Based Industries	575,403	52,909,871	9,022,583	158,670,219	221,178,076

**Table 26. Appalachian Maryland
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	196,791,794	25,859,151	84,303,217	306,954,162
Forestry	543,454,005	132,759,614	44,242,608	720,456,228
Seafood	0	0	0	0
Supporting industries	717,016,458	128,437,024	45,239,744	890,693,226
All Resource-Based Industries	1,457,262,257	287,055,789	173,785,569	1,918,103,615

**Table 27. Appalachian Maryland
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	2,233	227	520	2,979
Forestry	1,606	620	274	2,500
Seafood	0	0	0	0
Supporting industries	1,290	674	279	2,244
All Resource-Based Industries	5,130	1,521	1,073	7,723

**Table 28. Appalachian Maryland
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	50,087	8,031,694	608,138	20,606,998	29,296,919
Forestry	112,426	7,272,681	1,661,512	21,993,344	31,039,963
Seafood	0	0	0	0	0
Supporting industries	85,122	6,910,906	1,535,484	23,399,662	31,931,174
All Resource-Based Industries	247,636	22,215,282	3,805,134	66,000,004	92,268,056

**Table 29. Central Maryland
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	232,667,025	52,990,790	46,671,806	332,329,621
Forestry	783,299,585	275,470,657	86,361,369	1,145,131,612
Seafood	18,151,190	4,508,456	2,778,381	25,438,027
Supporting industries	8,047,320,319	2,870,324,425	1,058,815,110	11,976,459,853
All Resource-Based Industries	9,081,438,119	3,203,294,329	1,194,626,666	13,479,359,114

**Table 30. Central Maryland
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	3,263	307	244	3,814
Forestry	2,011	1,176	453	3,639
Seafood	292	26	15	333
Supporting industries	15,915	11,807	5,537	33,259
All Resource-Based Industries	21,481	13,315	6,248	41,045

**Table 31. Central Maryland
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	63,548	10,190,117	771,568	26,144,885	37,170,118
Forestry	132,499	8,571,171	1,958,164	25,920,110	36,581,943
Seafood	3,079	256,139	87,219	971,936	1,318,373
Supporting industries	1,031,480	83,743,778	18,606,425	283,548,360	386,930,042
All Resource-Based Industries	1,230,606	102,761,204	21,423,375	336,585,291	462,000,476

**Table 32. Southern Maryland
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	118,208,531	17,604,606	7,261,994	143,075,131
Forestry	546,188,070	127,516,509	47,365,801	721,070,380
Seafood	13,281,634	1,091,914	1,055,079	15,428,627
Supporting industries	1,004,598,207	230,968,419	83,485,259	1,319,051,885
All Resource-Based Industries	1,682,276,443	377,181,447	139,168,134	2,198,626,024

**Table 33. Southern Maryland
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	2,322	145	42	2,509
Forestry	1,484	614	277	2,376
Seafood	416	9	6	431
Supporting industries	3,150	1,303	487	4,941
All Resource-Based Industries	7,373	2,071	813	10,256

**Table 34. Southern Maryland
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	42,688	6,845,197	518,300	17,562,790	24,968,975
Forestry	101,454	6,562,924	1,499,361	19,846,965	28,010,705
Seafood	4,200	349,321	118,949	1,325,525	1,797,995
Supporting industries	176,271	14,311,055	3,179,670	48,455,852	66,122,848
All Resource-Based Industries	324,612	28,068,498	5,316,280	87,191,133	120,900,523

**Table 35. Eastern Shore of Maryland
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	2,411,611,551	1,184,117,380	240,231,462	3,835,960,394
Forestry	468,129,972	175,725,566	63,944,846	707,800,384
Seafood	229,057,452	64,699,244	21,438,030	315,194,727
Supporting industries	3,103,152,094	1,487,981,928	325,863,427	4,916,997,449
All Resource-Based Industries	6,211,951,070	2,912,524,119	651,477,764	9,775,952,953

**Table 36. Eastern Shore of Maryland
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	5,879	4,482	1,407	10,344
Forestry	1,118	835	376	1,952
Seafood	1,612	599	125	2,212
Supporting industries	6,512	5,086	1,916	11,600
All Resource-Based Industries	15,122	11,002	3,824	26,107

**Table 37. Eastern Shore of Maryland
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	196,649	31,533,393	2,387,623	80,905,540	115,023,205
Forestry	70,564	4,564,654	1,042,838	13,803,989	19,482,044
Seafood	20,003	1,663,863	566,569	6,313,647	8,564,083
Supporting industries	410,691	33,343,175	7,408,279	112,896,777	154,058,923
All Resource-Based Industries	697,907	71,105,085	11,405,310	213,919,953	297,128,255

**Table 38. Upper Eastern Shore
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	619,545,484	181,533,135	66,649,700	867,728,319
Forestry	79,648,181	22,100,449	6,004,632	107,753,262
Seafood	15,071,037	2,989,156	1,140,277	19,200,471
Supporting industries	701,130,421	263,756,574	50,036,563	1,014,923,559
All Resource-Based Industries	1,415,395,124	470,379,315	123,831,173	2,009,605,611

**Table 39. Upper Eastern Shore
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	2,528	1,100	420	4,049
Forestry	244	109	38	391
Seafood	197	35	7	240
Supporting industries	1,571	1,136	314	3,022
All Resource-Based Industries	4,541	2,380	780	7,701

**Table 40. Upper Eastern Shore
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	67,088	10,757,786	814,550	27,601,357	39,240,781
Forestry	16,578	1,072,422	245,005	3,243,116	4,577,122
Seafood	2,338	194,513	66,234	738,093	1,001,179
Supporting industries	98,647	8,008,961	1,779,453	27,117,571	37,004,632
All Resource-Based Industries	184,652	20,033,682	2,905,243	58,700,138	81,823,714

**Table 41. Mid Shore
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	680,334,361	310,316,875	133,471,266	1,124,122,502
Forestry	216,008,918	61,281,484	20,017,284	297,307,687
Seafood	84,112,681	23,982,382	8,219,896	116,314,959
Supporting industries	1,135,379,265	484,949,377	125,437,248	1,745,765,890
All Resource-Based Industries	2,115,835,225	880,530,119	287,145,694	3,283,511,038

**Table 42. Mid Shore
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	1,955	1,621	836	4,413
Forestry	489	343	125	957
Seafood	359	216	51	626
Supporting industries	3,085	2,032	787	5,904
All Resource-Based Industries	5,888	4,213	1,799	11,900

**Table 43. Mid Shore
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	63,882	10,243,778	775,631	26,282,562	37,365,853
Forestry	36,454	2,358,186	538,750	7,131,400	10,064,791
Seafood	5,443	452,719	154,157	1,717,876	2,330,195
Supporting industries	177,169	14,384,029	3,195,884	48,702,937	66,460,020
All Resource-Based Industries	282,949	27,438,713	4,664,422	83,834,776	116,220,859

**Table 44. Lower Eastern Shore
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	799,447,694	303,412,261	244,214,217	1,347,074,171
Forestry	79,155,942	22,934,892	7,489,833	109,580,668
Seafood	83,750,266	21,816,890	9,292,711	114,859,866
Supporting industries	819,267,302	344,328,819	124,298,270	1,287,894,390
All Resource-Based Industries	1,781,621,204	692,492,861	385,295,030	2,859,409,096

**Table 45. Lower Eastern Shore
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	1,731	1,279	1,459	4,469
Forestry	252	120	44	416
Seafood	1,040	302	55	1,398
Supporting industries	2,042	1,222	740	4,004
All Resource-Based Industries	5,065	2,923	2,299	10,287

**Table 46. Lower Eastern Shore
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	65,679	10,531,830	797,442	27,021,620	38,416,570
Forestry	17,531	1,134,046	259,083	3,429,472	4,840,132
Seafood	12,222	1,016,631	346,177	3,857,678	5,232,709
Supporting industries	134,874	10,950,185	2,432,942	37,076,270	50,594,271
All Resource-Based Industries	230,306	23,632,691	3,835,645	71,385,040	99,083,681

County Summary Tables

**Table 47. Allegany County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	6,573,527	619,226	228,643	7,421,396
Forestry	171,579,628	36,373,468	18,644,616	226,597,713
Seafood	0	0	0	0
Supporting industries	122,770,440	20,608,112	7,845,863	151,224,415
All Resource-Based Industries	300,923,595	57,600,807	26,719,122	385,243,523

**Table 48. Allegany County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	286	3	1	291
Forestry	715	176	119	1,011
Seafood	0	0	0	0
Supporting industries	177	139	50	366
All Resource-Based Industries	1,178	318	171	1,667

**Table 49. Allegany County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	4,880	782,515	59,250	2,007,706	2,854,351
Forestry	44,622	2,886,516	659,451	8,729,126	12,319,715
Seafood	0	0	0	0	0
Supporting industries	13,800	1,120,371	248,927	3,793,467	5,176,564
All Resource-Based Industries	63,301	4,789,402	967,628	14,530,298	20,350,630

**Table 50. Anne Arundel County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	21,048,814	3,847,228	5,565,607	30,461,649
Forestry	270,929,543	70,869,252	17,875,878	359,674,673
Seafood	4,144,832	26,535	195,458	4,366,825
Supporting industries	288,641,701	76,548,608	22,889,432	388,079,742
All Resource-Based Industries	584,764,891	151,291,623	46,526,375	782,582,889

**Table 51. Anne Arundel County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	480	30	31	541
Forestry	604	307	100	1,011
Seafood	139	0	1	140
Supporting industries	1,018	355	128	1,501
All Resource-Based Industries	2,241	693	260	3,194

**Table 52. Anne Arundel County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue			
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports
Agriculture	9,080	1,456,045	110,248	3,735,789
Forestry	44,659	2,888,930	660,003	8,736,423
Seafood	1,366	113,606	38,685	431,087
Supporting industries	56,601	4,595,284	1,020,993	15,559,188
All Resource-Based Industries	111,706	9,053,865	1,829,928	28,462,487
				Total (\$)
				5,311,162
				12,330,015
				584,744
				21,232,065
				39,457,985

**Table 53. Baltimore County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	83,410,714	11,582,996	8,096,006	103,089,715
Forestry	222,411,883	53,113,908	13,198,852	288,724,643
Seafood	2,063,169	13,064	138,645	2,214,878
Supporting industries	1,740,234,499	351,592,789	112,919,678	2,204,746,966
All Resource-Based Industries	2,048,120,264	416,302,756	134,353,182	2,598,776,202

**Table 54. Baltimore County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	1,078	117	48	1,242
Forestry	552	269	79	900
Seafood	140	0	1	141
Supporting industries	3,992	1,655	671	6,317
All Resource-Based Industries	5,761	2,040	799	8,600

**Table 55. Baltimore County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	20,837	3,341,355	252,998	8,572,948	12,188,139
Forestry	39,723	2,569,612	587,052	7,770,772	10,967,158
Seafood	1,373	114,204	38,888	433,356	587,822
Supporting industries	238,223	19,340,815	4,297,196	65,486,134	89,362,367
All Resource-Based Industries	300,156	25,365,986	5,176,134	82,263,211	113,105,486

**Table 56. Baltimore City
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0
Forestry	294,156,738	72,824,859	14,066,586	381,048,183
Seafood	14,596,078	3,131,290	1,063,818	18,791,186
Supporting industries	2,769,045,010	675,638,029	110,871,077	3,555,554,116
All Resource-Based Industries	3,077,797,826	751,594,178	126,001,481	3,955,393,484

**Table 57. Baltimore City
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0
Forestry	778	315	73	1,167
Seafood	83	15	5	104
Supporting industries	4,431	2,459	573	7,463
All Resource-Based Industries	5,292	2,790	651	8,733

**Table 58. Baltimore City
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	0	0	0	0	0
Forestry	51,520	3,332,730	761,393	10,078,523	14,224,166
Seafood	1,011	84,090	28,634	319,084	432,819
Supporting industries	281,414	22,847,480	5,076,316	77,359,365	105,564,575
All Resource-Based Industries	333,945	26,264,300	5,866,343	87,756,972	120,221,560

**Table 59. Calvert County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	16,477,932	4,125,364	-815,671	19,787,625
Forestry	9,887,606	1,842,286	195,124	11,925,015
Seafood	3,670,070	224,750	417,310	4,312,130
Supporting industries	28,958,597	4,972,083	3,657,509	37,588,190
All Resource-Based Industries	58,994,205	11,164,483	3,454,272	73,612,960

**Table 60. Calvert County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	270	65	-5	330
Forestry	43	11	1	55
Seafood	81	5	3	88
Supporting industries	214	53	0	289
All Resource-Based Industries	608	134	-1	763

**Table 61. Calvert County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	5,536	887,648	67,210	2,277,447	3,237,841
Forestry	2,420	156,549	35,765	473,420	668,155
Seafood	863	71,797	24,448	272,440	369,549
Supporting industries	10,914	886,048	196,865	3,000,075	4,093,901
All Resource-Based Industries	19,732	2,002,043	324,288	6,023,382	8,369,446

**Table 62. Caroline County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	327,859,918	97,288,270	49,602,506	474,750,694
Forestry	97,145,045	20,759,958	3,582,421	121,487,425
Seafood	0	0	0	0
Supporting industries	50,122,238	14,695,445	4,122,978	68,940,661
All Resource-Based Industries	475,127,201	132,743,674	57,307,906	665,178,780

**Table 62. Caroline County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	935	466	304	1,704
Forestry	177	117	22	316
Seafood	0	0	0	0
Supporting industries	177	78	25	280
All Resource-Based Industries	1,289	660	352	2,301

**Table 63. Caroline County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	28,585	4,583,730	347,068	11,760,522	16,719,905
Forestry	13,974	903,945	206,515	2,733,623	3,858,057
Seafood	0	0	0	0	0
Supporting industries	10,559	857,288	190,475	2,902,696	3,961,018
All Resource-Based Industries	53,118	6,344,963	744,057	17,396,840	24,538,979

**Table 64. Carroll County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	133,421,814	36,409,605	13,693,916	183,525,335
Forestry	314,963,416	67,291,486	26,456,266	408,711,168
Seafood	4,533,032	26,328	223,900	4,783,260
Supporting industries	422,635,007	118,785,134	30,706,123	572,126,264
All Resource-Based Industries	875,553,270	222,512,552	71,080,206	1,169,146,028

**Table 65. Carroll County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	1,486	335	86	1,907
Forestry	728	293	166	1,187
Seafood	44	0	1	46
Supporting industries	1,002	943	192	2,137
All Resource-Based Industries	3,261	1,571	444	5,276

**Table 66. Carroll County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	31,975	5,127,278	388,224	13,155,107	18,702,583
Forestry	52,414	3,390,583	774,610	10,253,476	14,471,083
Seafood	448	37,259	12,687	141,383	191,777
Supporting industries	80,575	6,541,753	1,453,465	22,149,745	30,225,539
All Resource-Based Industries	165,412	15,096,873	2,628,986	45,699,711	63,590,982

**Table 67. Cecil County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	135,435,029	21,998,312	13,100,434	170,533,776
Forestry	48,668,479	10,841,014	3,052,144	62,561,637
Seafood	1,317,223	4,083	223,442	1,544,748
Supporting industries	462,929,015	124,252,224	25,576,188	612,757,427
All Resource-Based Industries	648,349,746	157,095,634	41,952,208	847,397,588

**Table 68. Cecil County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	1,170	226	82	1,478
Forestry	125	52	19	195
Seafood	78	0	1	80
Supporting industries	951	544	159	1,655
All Resource-Based Industries	2,324	822	261	3,407

**Table 69. Cecil County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue			
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports
Agriculture	24,783	3,974,052	300,904	10,196,265
Forestry	8,632	558,360	127,563	1,688,540
Seafood	776	64,534	21,975	244,879
Supporting industries	62,393	5,065,546	1,125,477	17,151,450
All Resource-Based Industries	96,583	9,662,492	1,575,919	29,281,132
				Total (\$)
				14,496,004
				2,383,094
				332,163
				23,404,865
				40,616,126

**Table 70. Charles County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	19,042,972	2,583,135	-1,165,673	20,460,434
Forestry	44,361,252	9,692,440	2,639,533	56,693,225
Seafood	290,542	1,228	14,928	306,698
Supporting industries	27,110,979	4,636,662	1,710,958	33,458,599
All Resource-Based Industries	90,805,745	16,913,465	3,199,745	110,918,955

**Table 71. Charles County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	410	25	-8	428
Forestry	139	76	17	233
Seafood	21	0	0	21
Supporting industries	129	35	11	175
All Resource-Based Industries	699	136	21	856

**Table 72. Charles County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	7,171	1,149,893	87,067	2,950,292	4,194,422
Forestry	10,282	665,157	151,961	2,011,504	2,838,905
Seafood	201	16,724	5,695	63,460	86,079
Supporting industries	6,604	536,193	119,133	1,815,498	2,477,428
All Resource-Based Industries	24,259	2,367,967	363,856	6,840,754	9,596,835

**Table 73. Dorchester County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	265,164,695	89,611,422	25,437,614	380,213,731
Forestry	76,058,834	15,911,193	3,684,087	95,654,115
Seafood	80,081,493	15,608,437	4,025,596	99,715,526
Supporting industries	971,763,377	252,652,884	49,272,811	1,273,689,071
All Resource-Based Industries	1,393,068,399	373,783,936	82,420,108	1,849,272,442

**Table 74. Dorchester County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	574	448	165	1,187
Forestry	169	96	24	289
Seafood	352	165	26	543
Supporting industries	2,441	968	319	3,727
All Resource-Based Industries	3,536	1,677	533	5,746

**Table 75. Dorchester County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	19,907	3,192,175	241,703	8,190,195	11,643,980
Forestry	12,750	824,795	188,432	2,494,265	3,520,243
Seafood	5,299	440,780	150,092	1,672,573	2,268,744
Supporting industries	140,557	11,411,548	2,535,449	38,638,401	52,725,955
All Resource-Based Industries	178,514	15,869,298	3,115,676	50,995,434	70,158,922

**Table 76. Frederick County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	162,265,096	30,574,949	34,524,987	227,365,032
Forestry	186,783,241	41,473,288	18,201,604	246,458,133
Seafood	5,925,331	940,729	416,308	7,282,368
Supporting industries	482,514,544	141,961,407	43,317,809	667,793,759
All Resource-Based Industries	837,488,212	214,950,373	96,460,708	1,148,899,292

**Table 77. Frederick County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	1,740	322	206	2,268
Forestry	522	186	109	817
Seafood	10	5	2	18
Supporting industries	1,295	781	260	2,335
All Resource-Based Industries	3,567	1,294	577	5,438

**Table 78. Frederick County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	38,040	6,099,922	461,870	15,650,631	22,250,463
Forestry	36,087	2,334,433	533,323	7,059,567	9,963,410
Seafood	172	14,327	4,879	54,366	73,744
Supporting industries	88,055	7,149,034	1,588,392	24,205,940	33,031,421
All Resource-Based Industries	162,355	15,597,716	2,588,463	46,970,504	65,319,038

**Table 79. Garrett County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	30,837,365	5,983,251	24,660,996	61,481,611
Forestry	141,867,189	53,737,314	13,956,948	209,561,452
Seafood	0	0	0	0
Supporting industries	33,727,054	14,098,531	6,990,882	54,816,467
All Resource-Based Industries	206,431,608	73,819,096	45,608,826	325,859,530

**Table 80. Garrett County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	751	93	158	1,001
Forestry	370	253	90	712
Seafood	0	0	0	0
Supporting industries	138	136	45	318
All Resource-Based Industries	1,258	482	292	2,032

**Table 81. Garrett County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	16,786	2,691,755	203,812	6,906,263	9,818,617
Forestry	31,448	2,034,337	464,763	6,152,048	8,682,597
Seafood	0	0	0	0	0
Supporting industries	12,007	974,803	216,584	3,300,588	4,503,982
All Resource-Based Industries	60,241	5,700,895	885,160	16,358,899	23,005,196

**Table 82. Harford County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	59,654,791	12,948,156	6,619,061	79,222,007
Forestry	19,045,426	5,266,446	1,641,503	25,953,375
Seafood	749,321	114,218	15,022	878,561
Supporting industries	955,325,525	262,384,365	76,554,128	1,294,264,018
All Resource-Based Industries	1,034,775,063	280,713,184	84,829,714	1,400,317,961

**Table 83. Harford County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	814	122	41	977
Forestry	68	31	10	110
Seafood	69	0	0	70
Supporting industries	1,876	1,456	478	3,810
All Resource-Based Industries	2,827	1,610	529	4,965

**Table 84. Harford County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	16,377	2,626,096	198,841	6,737,800	9,579,114
Forestry	4,852	313,900	71,713	949,265	1,339,731
Seafood	679	56,447	19,221	214,191	290,537
Supporting industries	143,652	11,662,814	2,591,276	39,489,165	53,886,908
All Resource-Based Industries	165,560	14,659,257	2,881,052	47,390,422	65,096,290

**Table 82. Howard County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	26,282,970	4,662,218	2,354,352	33,299,539
Forestry	21,588,086	7,105,861	47,172	28,741,119
Seafood	0	0	0	0
Supporting industries	2,035,837,160	662,605,524	126,819,296	2,825,261,981
All Resource-Based Industries	2,083,708,217	674,373,602	129,220,820	2,887,302,639

**Table 83. Howard County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	517	38	12	567
Forestry	81	29	0	109
Seafood	0	0	0	0
Supporting industries	3,378	2,607	661	6,646
All Resource-Based Industries	3,975	2,674	674	7,323

**Table 84. Howard County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	9,514	1,525,649	115,518	3,914,374	5,565,056
Forestry	4,834	312,677	71,434	945,568	1,334,512
Seafood	0	0	0	0	0
Supporting industries	250,627	20,347,934	4,520,960	68,896,142	94,015,663
All Resource-Based Industries	264,975	22,186,260	4,707,912	73,756,084	100,915,231

**Table 82. Kent County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	165,159,222	43,848,010	15,838,884	224,846,115
Forestry	8,599,363	1,384,151	672,299	10,655,813
Seafood	6,166,391	819,137	218,377	7,203,905
Supporting industries	135,011,549	30,988,562	5,972,488	171,972,599
All Resource-Based Industries	314,936,524	77,039,861	22,702,047	414,678,432

**Table 83. Kent County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	607	234	97	939
Forestry	52	8	4	64
Seafood	12	5	1	18
Supporting industries	211	123	36	370
All Resource-Based Industries	882	370	139	1,391

**Table 84. Kent County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	15,744	2,524,559	191,153	6,477,286	9,208,741
Forestry	2,840	183,695	41,967	555,511	784,012
Seafood	176	14,660	4,992	55,628	75,457
Supporting industries	13,953	1,132,807	251,690	3,835,575	5,234,025
All Resource-Based Industries	32,713	3,855,720	489,802	10,924,001	15,302,236

**Table 85. Montgomery County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	63,318,551	9,566,818	12,796,211	85,681,579
Forestry	226,097,452	45,709,695	-2,001,168	269,805,979
Seafood	742,622	96,978	88,367	927,967
Supporting industries	546,878,125	143,947,795	57,159,865	747,985,785
All Resource-Based Industries	837,036,750	199,321,286	68,043,275	1,104,401,310

**Table 86. Montgomery County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	856	81	66	1,003
Forestry	530	195	-10	715
Seafood	1	0	0	2
Supporting industries	2,243	580	294	3,118
All Resource-Based Industries	3,630	856	351	4,837

**Table 87. Montgomery County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	16,819	2,697,017	204,211	6,919,762	9,837,809
Forestry	31,571	2,042,252	466,571	6,175,982	8,716,376
Seafood	17	1,398	476	5,305	7,195
Supporting industries	117,563	9,544,735	2,120,676	32,317,554	44,100,529
All Resource-Based Industries	165,970	14,285,402	2,791,934	45,418,603	62,661,909

**Table 88. Prince George's County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	30,115,778	2,577,680	2,893,233	35,586,691
Forestry	205,454,694	39,041,507	13,037,216	257,533,417
Seafood	3,113,491	743,038	138,379	3,994,907
Supporting industries	624,102,060	127,494,061	30,749,385	782,345,506
All Resource-Based Industries	862,786,023	169,856,285	46,818,213	1,079,460,521

**Table 89. Prince George's County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	506	15	18	538
Forestry	589	193	79	862
Seafood	6	4	1	10
Supporting industries	1,642	662	186	2,490
All Resource-Based Industries	2,743	874	283	3,900

**Table 90. Prince George's County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	9,026	1,447,393	109,593	3,713,591	5,279,603
Forestry	38,043	2,460,923	562,221	7,442,088	10,503,275
Seafood	101	8,413	2,865	31,922	43,300
Supporting industries	93,909	7,624,302	1,693,989	25,815,153	35,227,354
All Resource-Based Industries	141,079	11,541,031	2,368,667	37,002,754	51,053,531

**Table 91. Queen Anne's County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	318,951,233	125,430,859	33,495,381	477,877,473
Forestry	22,380,339	8,553,835	1,585,626	32,519,800
Seafood	7,587,424	1,485,958	581,270	9,654,652
Supporting industries	103,189,858	28,413,940	7,423,327	139,027,125
All Resource-Based Industries	452,108,854	163,884,592	43,085,604	659,079,050

**Table 92. Queen Anne's County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	752	623	209	1,584
Forestry	68	38	10	116
Seafood	107	31	4	142
Supporting industries	410	135	46	591
All Resource-Based Industries	1,337	827	269	2,433

**Table 93. Queen Anne's County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	26,561	4,259,175	322,493	10,927,807	15,536,036
Forestry	5,107	330,367	75,475	999,065	1,410,015
Seafood	1,386	115,319	39,268	437,586	593,560
Supporting industries	22,301	1,810,609	402,286	6,130,546	8,365,742
All Resource-Based Industries	55,356	6,515,470	839,523	18,495,004	25,905,353

**Table 94. St. Mary's County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	31,523,035	3,987,979	165,465	35,676,479
Forestry	15,554,975	2,635,340	1,170,640	19,360,955
Seafood	2,062,700	17,308	91,786	2,171,794
Supporting industries	35,784,870	6,564,023	2,157,359	44,506,252
All Resource-Based Industries	84,925,580	13,204,650	3,585,250	101,715,480

**Table 95. St. Mary's County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	655	52	1	708
Forestry	109	21	7	137
Seafood	170	0	1	171
Supporting industries	148	58	13	219
All Resource-Based Industries	1,082	131	22	1,235

**Table 96. St. Mary's County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	11,875	1,904,218	144,182	4,885,672	6,945,948
Forestry	6,050	391,366	89,411	1,183,530	1,670,357
Seafood	1,668	138,781	47,257	526,616	714,323
Supporting industries	8,243	669,227	148,691	2,265,938	3,092,099
All Resource-Based Industries	27,836	3,103,592	429,541	8,861,756	12,422,726

**Table 97. Somerset County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	263,467,080	74,041,259	28,028,101	365,536,441
Forestry	6,154,593	264,585	533,232	6,952,410
Seafood	49,876,737	9,063,884	1,523,606	60,464,227
Supporting industries	26,982,511	10,553,912	2,253,292	39,789,715
All Resource-Based Industries	346,480,921	93,923,640	32,338,231	472,742,792

**Table 98. Somerset County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	379	395	164	938
Forestry	42	3	3	47
Seafood	247	131	9	387
Supporting industries	263	34	13	310
All Resource-Based Industries	930	563	189	1,682

**Table 99. Somerset County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	15,739	2,523,818	191,097	6,475,384	9,206,038
Forestry	2,096	135,560	30,970	409,947	578,572
Seafood	3,771	313,646	106,801	1,190,151	1,614,369
Supporting industries	11,671	947,586	210,537	3,208,433	4,378,228
All Resource-Based Industries	33,277	3,920,609	539,405	11,283,916	15,777,206

**Table 100. Talbot County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	87,309,748	35,269,870	17,995,003	140,574,620
Forestry	42,805,039	8,952,302	4,403,971	56,161,312
Seafood	4,031,188	888,845	368,725	5,288,757
Supporting industries	113,493,651	29,253,175	11,584,081	154,330,906
All Resource-Based Industries	247,639,626	74,364,191	34,351,779	356,355,596

**Table 101. Talbot County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	447	355	116	918
Forestry	142	50	28	220
Seafood	7	6	2	15
Supporting industries	466	150	74	691
All Resource-Based Industries	1,063	560	221	1,844

**Table 102. Talbot County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	15,390	2,467,873	186,861	6,331,845	9,001,969
Forestry	9,730	629,447	143,803	1,903,512	2,686,492
Seafood	144	11,939	4,065	45,303	61,450
Supporting industries	26,053	2,115,193	469,960	7,161,841	9,773,047
All Resource-Based Industries	51,317	5,224,451	804,688	15,442,501	21,522,958

**Table 103. Washington County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	159,380,902	18,095,088	55,959,654	233,435,644
Forestry	230,007,188	46,516,580	12,085,868	288,609,636
Seafood	0	0	0	0
Supporting industries	560,518,964	87,591,988	28,882,411	676,993,364
All Resource-Based Industries	949,907,054	152,203,656	96,927,933	1,199,038,643

**Table 104. Washington County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	1,196	160	339	1,695
Forestry	521	228	74	823
Seafood	0	0	0	0
Supporting industries	976	422	176	1,573
All Resource-Based Industries	2,693	810	588	4,091

**Table 105. Washington County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	28,421	4,557,425	345,076	11,693,030	16,623,951
Forestry	36,356	2,351,827	537,297	7,112,170	10,037,651
Seafood	0	0	0	0	0
Supporting industries	59,316	4,815,733	1,069,973	16,305,607	22,250,628
All Resource-Based Industries	124,093	11,724,985	1,952,346	35,110,807	48,912,230

**Table 106. Wicomico County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	297,451,801	101,042,022	112,474,602	510,968,426
Forestry	55,704,900	15,190,711	3,675,863	74,571,474
Seafood	9,613,068	2,349,503	1,116,018	13,078,589
Supporting industries	580,183,680	226,285,005	69,185,895	875,654,581
All Resource-Based Industries	942,953,449	344,867,242	186,452,379	1,474,273,069

**Table 107. Wicomico County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	832	434	673	1,939
Forestry	162	78	22	261
Seafood	126	26	7	159
Supporting industries	1,333	816	415	2,564
All Resource-Based Industries	2,453	1,355	1,117	4,924

**Table 108. Wicomico County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	32,524	5,215,414	394,897	13,381,239	19,024,074
Forestry	11,542	746,649	170,579	2,257,945	3,186,715
Seafood	1,551	129,024	43,934	489,590	664,100
Supporting industries	96,701	7,850,954	1,744,347	26,582,572	36,274,573
All Resource-Based Industries	142,319	13,942,040	2,353,757	42,711,346	59,149,462

**Table 109. Worcester County
Economic Impact-Output**

	Sector Output			
	Direct	Indirect	Induced	Total
Agriculture	238,528,812	58,975,365	45,608,369	343,112,545
Forestry	17,296,450	6,757,956	822,720	24,877,127
Seafood	24,260,462	1,467,641	1,396,454	27,124,556
Supporting industries	212,101,111	32,561,387	14,466,255	259,128,754
All Resource-Based Industries	492,186,834	99,762,349	62,293,798	654,242,982

**Table 110. Worcester County
Economic Impact-Employment**

	Sector Employment			
	Direct	Indirect	Induced	Total
Agriculture	519	242	277	1,038
Forestry	48	35	5	88
Seafood	668	31	8	707
Supporting industries	445	170	88	703
All Resource-Based Industries	1,680	478	379	2,537

**Table 111. Worcester County
Economic Impact-Tax Revenue**

	Sources of Tax Revenue				
	Employee Compensation	Household Expenditures	Corporations	Taxes on Production and Imports	Total (\$)
Agriculture	17,415	2,792,598	211,448	7,164,997	10,186,458
Forestry	3,893	251,837	57,534	761,580	1,074,845
Seafood	6,900	573,961	195,442	2,177,937	2,954,241
Supporting industries	26,502	2,151,645	478,059	7,285,264	9,941,470
All Resource-Based Industries	54,711	5,770,042	942,483	17,389,778	24,157,014