

# Alabama Port Authority Economic Impacts 2022

The Economic Importance of the Port of Mobile to the State of Alabama and the United States

Conducted by:



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The Port of Mobile consists of public marine terminals owned by the Alabama State Port Authority, as well as privately owned marine terminals. The public marine terminals include the McDuffie Coal Terminal, ASPA General Cargo Docks, Pinto Terminal, Mobile Middle Bay Port, Marine Liquid Bulk Terminal, the APM Container Terminal, and the Bulk Material Handling Plant. These terminals handle coal, containerized cargo, steel slab and steel products, forest products including pulp, paper and lumber, dry bulk cargo and liquid bulk cargo. The private marine terminals include Alabama Bulk Terminal, Vertex Energy, Zenith Energy, World Point Terminals, Radcliff Energy, Core Industries, Vulcan Materials, Holcim, Millard Marine, Bayou Concrete, Martin Marietta, Cooper Marine, and Mobile Marine Terminal. These private terminals handle liquid bulk cargoes, lumber products, coal, and dry bulk cargoes such as limestone and iron ore.

In 2022, the public and private marine terminals located in the Mobile Harbor and included in this impact study handled 43.3 million tons of international and domestic cargo for exporters and importers located within the state of Alabama, as well as throughout the United States. It is the purpose of this study to quantify the economic impacts generated by the cargo and vessel activity at the public and private terminals.

The study employs methodology and definitions that have been used by Martin Associates to measure the economic impacts of seaport activity at more than 500 ports in the United States and Canada, and at the leading airports in the United States. It is to be emphasized that only measurable impacts are included in this study. In order to ensure defensibility, the Martin Associates' approach to economic impact analysis is based on data developed through an extensive interview and telephone survey program of the firms participating in each of the lines of business operated by the ASPA. Specific re-spending models have been developed for the Mobile Area to reflect the unique economic and consumer profiles of the regional economy. The resulting impacts reflect the uniqueness of the individual Port operations, as well as the surrounding regional economy.

The impacts are measured in terms of:

- Employment direct, induced, and indirect jobs
- Personal income direct, re-spending and local consumption, and indirect income
- Business revenue
- State and local taxes
- Impacts are also measured for the users of the public and private marine terminals

Each impact measurement is described below:

#### 1. Employment Impact

• Direct jobs are those that would not exist if activity at Port of Mobile cargo facilities were to cease. Direct jobs created by marine cargo activity at the Port of Mobile's terminals are those jobs with the firms directly providing cargo handling and vessel services, including trucking companies, terminal operators and stevedores, members of the International Longshoremen's Association (ILA), stevedores and customshouse brokers, vessel agents, pilots, and tug assist companies. In addition, direct jobs include jobs with



local steel operations such as ArcelorMittal/Nippon Steel and SSAB, users of imported steel and plastics such as Hyundai Motor Manufacturing Alabama, as well as coal related operations with Warrior Met Coal.

- Induced jobs are jobs created in the Mobile Area by the purchases of goods and services by those individuals directly employed by each of the Port's lines of business. These jobs are based on the local purchase patterns of Mobile area residents. The induced jobs are jobs with grocery stores, restaurants, health care providers, retail stores, local housing/construction industry, and transportation services, as well as with wholesalers providing the goods to the retailers.
- Indirect jobs are created throughout the Mobile Area as the result of purchases for goods and services by the firms directly impacted by the Port of Mobile activity. The indirect jobs are measured based on actual local purchase patterns of the directly dependent firms, and occur with such industries as utilities, office supplies, contract service providers, maintenance and repair, and construction.
- Related User (shipper/consignee) jobs jobs with shippers and consignees (exporters and importers) using the marine terminals for shipment and receipt of cargo. The Port of Mobile's shippers and consignees are concentrated with the state's auto manufacturing, retail distribution, and

steel manufacturing, as well as paper/pulp manufacturing industries and chemical industries. In addition, containerized cargo moving via the Port's container terminal is consumed by the pulp and paper industry, as well as the regional auto manufacturers and in local and regional retail and wholesale outlets. Containerized cargo exports include exports of pulp and forest products including paper and paper board, cotton, and fabric, as well as aerospace parts.

2. Personal income impact consists of wages and salaries received by those directly employed by Port activity and includes a re-spending impact which measures the personal consumption activity in the Mobile Area of those directly employed as the result of the Port of Mobile. Indirect personal income measures the wages and salaries received by those indirectly employed.

**3. Business revenue** consists of total business receipts by firms providing services in support of the marine cargo activity at Port of Mobile facilities, private construction investment on Port property, and the ASPA administrative operations.<sup>1</sup>

4. Local purchases for goods and services made by the directly impacted firms are also measured. These local purchases by the dependent firms create the indirect impacts.

Business revenue earned by the dependent shippers/consignees is not included in the impacts since this revenue is driven by the sales of the products produced by the industries using the port facilities and reported at the headquarters level. Only the local impacts of direct, induced, and indirect jobs, personal income, local purchases and state and local taxes are included in the impacts attributed to the Port of Mobile.



**5. State and local taxes** include taxes paid by individuals as well as firms dependent upon the Port of Mobile cargo and ship repair activity.

The impacts of the Port of Mobile were estimated based on interviews with identified firms in the Mobile Area as defined in the "Port of Mobile Directory" as well internal contacts from ASPA staff, and the use of the database developed by Martin Associates as part of the 2021 detailed economic impact study for the Port of Mobile, as well as the 2022 interim economic impact update. The direct impacts are measured at the firm level of detail and aggregated to develop the impacts for each of the Port's lines of business. The firms surveyed provided Martin Associates with employment levels (both full time and part time), annual payroll, local purchases, and the residence of where the employees reside.

The analysis is based on the structural models developed by Martin Associates as part of the 2022 interim economic impact study conducted for the Port of Mobile, as well as interviews developed as part of the 2021 detailed Economic Impact Study of the Port of Mobile, also conducted by Martin Associates.<sup>2</sup>

To estimate the economic impacts on the national economy, Martin Associates developed national induced and indirect models, as well as national impact models for the related users sector. This sector consists of the importers and



exporters using the Port of Mobile's public and private marine terminals for containerized cargo; forest products imports, coal exports, grain exports, perishable cargo exports, and liquid and dry bulk imports and exports. It is important to emphasize that these related impacts are not necessarily generated by the Port of Mobile, as the employment levels are based on the demand for the goods exported and imported via the port, but at the given point in time in 2022, these jobs with importers and exporters and the industries supporting these exporters and importers are related to the port and underscore the far reaching geographical sphere of influence of the Port in 2022. **Exhibit 1** shows the impacts of the Port of Mobile cargo operations on the United States economy.



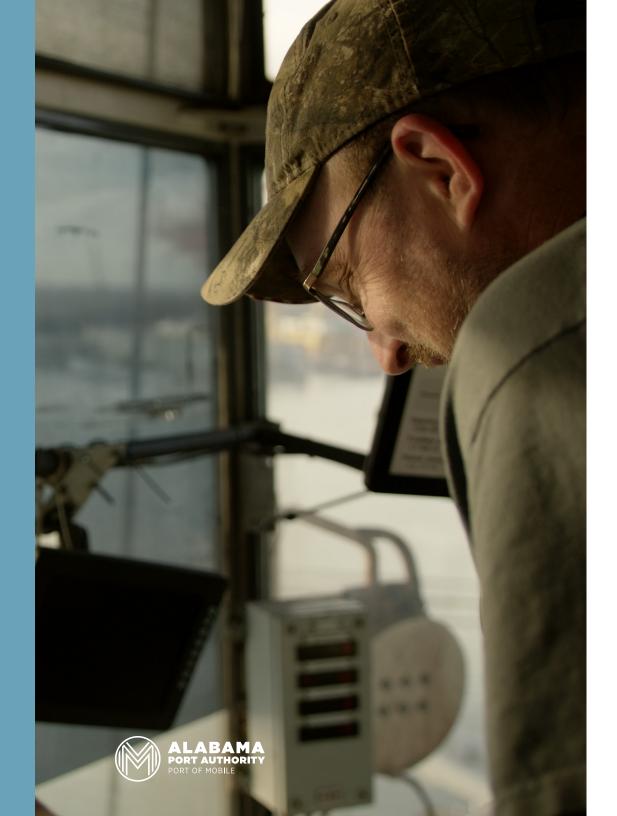
<sup>2</sup> The Local and Regional Economic Impacts of the Port of Mobile, September 2022, by Martin Associates

	ASPA PUBLIC TERMINALS	PRIVATE TERMINALS	TOTAL HARBOR-WIDE TERMINALS
1000			
JOBS	15 007	410.4	10.011
Direct	15,807	4,104	19,911
Induced	20,018	5,311	25,329
Indirect	9,974	2,590	12,564
Related User Jobs	366,896	28,552	395,448
TOTAL	412,695	40,558	453,253
PERSONAL INCOME (1,000)			
Direct	\$935,528	\$245,995	\$1,181,523
Re-spending/Local Consumption	\$3,715,358	\$976,943	\$4,692,300
Indirect	\$704,776	\$183,000	\$887,776
User Income (1,000)	\$22,666,264	\$1,455,427	\$24,121,690
TOTAL	\$28,021,926	\$2,861,364	\$30,883,290
TOTAL ECONOMIC VALUE (1,000)			
Business Revenue	\$3,032,376	\$1,352,041	\$4,384,417
Re-spending/Local Consumption	\$3,715,358	\$976,943	\$4,692,300
Related User Output	\$115,741,851	\$5,488,978	\$121,230,828
TOTAL	\$122,489,584	\$7,817,962	\$130,307,546
LOCAL PURCHASES (1,000)	\$813,031	\$211,109	\$1,024,141
FEDERAL, STATE AND LOCAL TAXES (1,000)			
Direct, Induced and Indirect	\$1,419,530	\$394,192	\$1,813,722
Related User Federal, State and Local Taxes	\$6,007,741	\$462,626	\$6,470,367
TOTAL	\$7,427,271	\$856,818	\$8,284,089

### Exhibit 1: 2022 Economic Impact of the Port of Mobile on the United States Economy

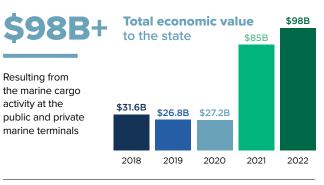
Totals may not add due to rounding.





# **Economic Impact**

Several key measures of the Port's economic impact on the local community and the State of Alabama have **grown substantially over the past five years**.



MORE THAN Jobs generated by 351K 351 Port activity 312K Direct, induced, 188K indirect, and 161K 162K related jobs in Alabama 2018 2019 2020 2021 2022

**\$2.4B** 

Direct, induced, and indirect tax revenue, plus taxes supported by the economic activity of related cargo users moving through the port



Learn more at <u>alports.com/economic-impact</u>

In 2022, cargo activity at the public and private marine terminals at the Port of Mobile supported 453,253 direct, induced, indirect and related jobs in the United States, of which 351,359 jobs were supported in the state of Alabama:

**19,911 are direct jobs.** These jobs are generated by activities at the port, and if such activities should cease, the jobs would be discontinued over the short term. It is these jobs that are most directly dependent upon the Port of Mobile. The direct jobs are with the International Longshoremen's Association, terminal operators, dependent shippers/consignees, stevedores, trucking firms, railroads, steamship agents, freight forwarders and customhouse brokers, warehouse workers, federal and state government agencies, towing companies, pilot organizations, and marine construction companies, etc. The majority, about 81.4 percent, of the direct jobs are held by residents of Mobile City and Mobile County.

**25,329 are induced jobs**, or those jobs supporting the local and national purchases made by the 19,911 individuals holding the direct jobs due to port activity. Should the direct jobs be lost from the economy, the induced jobs supported by the purchases of the direct jobs would also be lost. Jobs with grocery stores, retail outlets, restaurants, transportation services, government services, schools and hospitals are examples of induced jobs. Of the 25,329 induced jobs, 17,854 were induced jobs held by Alabama residents.

The firms dependent upon the Port of Mobile made \$1.0 billion of purchases for office supplies, equipment, utilities, communications, maintenance and repair services,



transportation services, professional services and goods and services. These purchases supported **12,564 indirect jobs in the national economy,** of which 10,226 were created in the state of Alabama.

In addition to the direct, induced, and indirect job impacts, the port activity supports 395,448 jobs throughout the United States, of which 303,368 related jobs are in the state of Alabama. These jobs are considered to be related to activities at the port, but the degree of dependence on the port is difficult to estimate and should not be considered as dependent on the Port as are the direct, induced and indirect jobs. If the Port of Mobile were not available to these organizations, they would suffer an economic penalty over the longer term. Such a penalty would vary from a loss of employment opportunities in some cases to an increase in total transportation costs in other cases, which could, in turn, result in employment reductions and corporate relocations. The majority of these related user jobs are with importers of containerized cargo, followed by users of the imported steel products and forest products handled at the Port.



In 2022, marine cargo activity at the public and private marine terminals at the Port of Mobile supported a total of \$130.3 billion of total U.S. economic value, of which \$98.3 billion of total economic value was supported in the state of Alabama. The APSA facilities supported \$122.5 billion of total economic value to the U.S. economy.

Of the \$130.3 billion of total U.S. economic value, \$4.4 billion is the direct business revenue received by the firms directly dependent upon the port and providing maritime services and inland transportation services to the cargo handled at the marine terminals and the vessels calling the port. An additional \$121.2 billion represents the value of the output to the United States economy that is created due to the cargo moving via the Port of Mobile public and private marine terminals. This includes the value added at each stage of producing an export cargo, as well as the value added at each stage of production for the firms using imported raw materials, intermediate products, and final consumer goods that flow via the marine terminals and are consumed within the State. The majority of these user impacts are associated with the imported containerized cargo, steel products receipts and forest products. In addition, \$4.7 billion of the re-spending of personal income and local consumption purchases are supported in the U.S. economy. These components are additive and represent independent monetary impacts supported by the cargo and vessel activity. Other dollar value impact measures are not included in the total economic value since they are interdependent. Direct income is not included since it is part of the direct business impact and similarly, local purchases by the firms are from the direct business revenue generated by port activity, and also used to

pay indirect income. Finally, taxes are paid by the individuals from the direct, induced, indirect and related income and the direct business revenue and the related output.

Marine activity supported nearly \$30.9 billion of total personal wage and salary income and local consumption expenditures in the United States. This includes \$6.8 billion of direct, indirect, induced, and local consumption expenditures in the U.S., while the remaining \$24.1 billion was received by the related port users throughout the United States. The 19,911 direct job holders received \$1.2 billion of direct wage and salary income, for a direct annual salary of \$59,339.

A total of \$8.3 billion of federal, state, and local tax revenue in the U.S. was supported by maritime activity at the Port of Mobile public and private terminals. Of the \$62.7 billion of federal, state, and local tax revenue supported in the U.S., \$2.4 billion of state and local taxes was supported in the state of Alabama.

The national economic impacts were then allocated to counties within the state of Alabama as well as states throughout the United States using S&P Transearch data that identified truck, rail and domestic waterborne movements of cargo between the Port of Mobile public and private marine terminals and each Alabama county and each U.S. state. The national economic impacts were estimated by commodity and then allocated to a state level (and county level within Alabama), using the above noted data. The impacts were summed to total U.S. impacts – jobs, income, total economic value and federal/state/ local taxes. **Exhibit 2** shows the national economic impacts supported by the Port of Mobile 2022 by state.



Exhibit 2: National Economic Impacts Supported b	y the Port of Mobile by State, 2022
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STATE	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL/ FEDERAL TAXES (1,000)	STATE	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL, FEDERAL TAXES (1,000
AL	351,359	\$22,515,852	\$98,237,652	\$6,039,620	NE	399	\$31,530	\$132,626	\$8,45
GA	18,918	\$1,511,746	\$7,513,455	\$405,509	ME	394	\$33,185	\$94,470	\$8,902
IL	9,272	\$696,013	\$3,113,602	\$186,697	WA	391	\$34,280	\$120,399	\$9,19
TN	8,605	\$709,431	\$2,816,976	\$190,297	IA	366	\$31,486	\$93,576	\$8,446
FL	7,529	\$618,338	\$2,604,611	\$165,862	со	325	\$27,249	\$133,441	\$7,309
ТХ	5,261	\$473,627	\$1,453,573	\$127,045	ND	321	\$22,880	\$60,608	\$6,137
ОН	4,654	\$395,047	\$1,109,073	\$105,967	KS	295	\$25,630	\$95,684	\$6,875
LA	4,529	\$381,276	\$1,431,569	\$102,273	OR	254	\$23,320	\$64,652	\$6,255
IN	4,179	\$338,556	\$989,438	\$90,814	MD	251	\$19,756	\$73,633	\$5,299
KY	3,805	\$334,423	\$1,171,059	\$89,705	СТ	229	\$19,702	\$73,756	\$5,285
SC	3,792	\$313,965	\$1,385,522	\$84,218	AZ	229	\$20,860	\$59,993	\$5,595
CA	3,600	\$329,915	\$908,216	\$88,496	SD	163	\$11,486	\$24,702	\$3,08
WI	2,983	\$248,567	\$722,091	\$66,675	UT	161	\$13,431	\$73,596	\$3,603
MS	2,904	\$237,573	\$1,088,942	\$63,726	ID	137	\$12,474	\$38,532	\$3,346
PA	2,666	\$207,980	\$671,498	\$55,788	WV	129	\$10,834	\$44,114	\$2,906
MI	2,409	\$198,517	\$510,942	\$53,250	WY	126	\$8,787	\$94,986	\$2,357
VA	2,379	\$178,965	\$573,256	\$48,005	NM	113	\$10,030	\$33,056	\$2,690
NC	2,216	\$188,264	\$685,431	\$50,500	NV	98	\$8,965	\$27,341	\$2,405
MO	1,966	\$168,157	\$544,477	\$45,106	RI	81	\$6,016	\$24,752	\$1,614
MN	1,732	\$129,627	\$304,842	\$34,771	DC	48	\$3,726	\$20,243	\$999
AR	1,241	\$106,801	\$398,883	\$28,648	DE	16	\$1,183	\$3,860	\$317
NY	1,011	\$79,899	\$253,362	\$21,432	NH	14	\$1,096	\$5,954	\$294
OK	827	\$74,360	\$211,540	\$19,946	VT	8	\$645	\$3,502	\$173
NJ	432	\$33,347	\$94,197	\$8,945	MT	5	\$411	\$2,234	\$110
MA	431	\$34,084	\$113,629	\$9,143	TOTALS	453K+	\$30.8B+	\$130.3B+	\$8.2B+



In addition to identifying the national economic impacts of the Port of Mobile to individual Alabama counties and states, Martin Associates also developed the economic impacts of the Port of Mobile on the state of Alabama to the state's individual Congressional Districts. The Port of Mobile's impacts on Alabama Congressional Districts are shown in **Exhibit 3**. This allocation is based on the allocation of the statewide economic impacts estimated at the county level of detail and then allocated to Congressional Districts within the State based on the share of population of that county in a federal congressional district. Similarly, the Port of Mobile's economic impact on the state of Alabama was allocated to State House and Senate Districts, based on allocating the county-specific impacts on the individual House and Senate Districts based on the share of each county population in a specific House and Senate District. The Port of Mobile's economic impacts on the state of Alabama by State House district is presented in **Exhibit 4**, while **Exhibit 5** presents the economic impacts by State Senate District.

U.S. CONGRESSIONAL DISTRICT	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL TAXES (1,000)	FEDERAL TAXES (1,000)
1	123,883	\$8,792,455	\$28,630,372	\$930,725	\$1,427,751
2	32,262	\$1,912,378	\$9,821,586	\$202,435	\$310,539
3	23,163	\$1,376,919	\$7,083,593	\$145,754	\$223,589
4	30,844	\$1,839,757	\$9,426,267	\$194,747	\$298,746
5	35,053	\$2,084,575	\$10,723,475	\$220,663	\$338,501
6	52,277	\$3,211,336	\$16,083,305	\$339,936	\$521,468
7	53,877	\$3,298,433	\$16,469,054	\$349,155	\$535,612
TOTALS	351,359	\$22,515,852	\$98,237,652	\$2,383,414	\$3,656,206

#### **Exhibit 3: Economic Impacts of the Port of Mobile by Alabama Federal Congressional District**



### Exhibit 4: Economic Impacts of the Port of Mobile by Alabama State House District

STATE HOUSE DISTRICT	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL TAXES (1,000)	STATE HOUSE DISTRICT	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL TAXES (1,000)
1	1,692	\$100,703	\$519,867	\$10,660	28	1,558	\$92,865	\$478,698	\$9,830
2	1,514	\$90,223	\$465,400	\$9,551	29	1,527	\$90,978	\$469,185	\$9,630
3	1,843	\$109,750	\$566,699	\$11,618	30	1,515	\$90,270	\$465,541	\$9,556
4	2,179	\$129,860	\$668,521	\$13,746	31	1,129	\$67,288	\$346,896	\$7,123
5	1,254	\$74,811	\$385,341	\$7,919	32	1,468	\$87,345	\$451,102	\$9,246
6	2,393	\$142,230	\$731,324	\$15,056	33	1,338	\$79,604	\$411,307	\$8,427
7	1,760	\$104,815	\$540,761	\$11,095	34	1,436	\$85,543	\$441,341	\$9,055
8	2,159	\$128,832	\$663,636	\$13,637	35	1,723	\$102,556	\$529,480	\$10,856
9	2,113	\$126,105	\$649,591	\$13,349	36	1,659	\$98,798	\$509,872	\$10,458
10	2,973	\$176,499	\$907,174	\$18,683	37	1,310	\$77,922	\$399,858	\$8,248
11	968	\$57,625	\$297,380	\$6,100	38	1,606	\$95,479	\$488,153	\$10,107
12	713	\$42,441	\$219,063	\$4,493	39	1,104	\$65,792	\$339,236	\$6,964
13	1,471	\$89,241	\$453,560	\$9,447	40	1,625	\$96,672	\$499,343	\$10,233
14	2,015	\$122,005	\$620,345	\$12,915	41	2,594	\$154,510	\$797,166	\$16,356
15	4,281	\$264,958	\$1,320,046	\$28,047	42	1,855	\$107,544	\$540,710	\$11,384
16	2,974	\$182,783	\$914,786	\$19,348	43	2,525	\$150,372	\$775,813	\$15,918
17	2,455	\$141,015	\$702,037	\$14,927	44	4,766	\$296,837	\$1,470,262	\$31,422
18	2,278	\$135,778	\$700,241	\$14,373	45	3,032	\$184,872	\$933,699	\$19,570
19	2,950	\$175,130	\$900,142	\$18,538	46	4,766	\$296,837	\$1,470,262	\$31,422
20	2,973	\$176,499	\$907,174	\$18,683	47	4,635	\$288,704	\$1,429,981	\$30,561
21	2,973	\$176,499	\$907,174	\$18,683	48	4,185	\$259,368	\$1,290,364	\$27,455
22	2,923	\$173,533	\$891,988	\$18,369	49	2,230	\$132,312	\$680,122	\$14,006
23	1,864	\$111,289	\$573,156	\$11,781	50	1,707	\$101,651	\$524,591	\$10,760
24	1,604	\$95,558	\$493,004	\$10,115	51	4,440	\$276,505	\$1,369,559	\$29,269
25	2,875	\$170,739	\$877,630	\$18,074	52	4,505	\$280,572	\$1,389,700	\$29,700
26	4,087	\$243,453	\$1,255,971	\$25,771	53	2,973	\$176,499	\$907,174	\$18,683
27	4,153	\$247,380	\$1,276,228	\$26,186	54	4,440	\$276,505	\$1,369,559	\$29,269



Exhibit 4 (continue	d): Economic Im	pacts of the Port o	f Mobile by A	Alabama State House District
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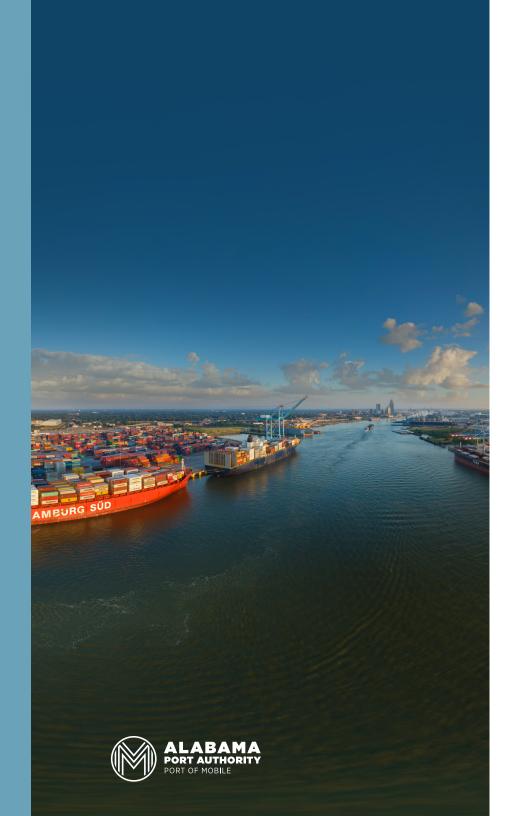
STATE HOUSE DISTRICT	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL TAXES (1,000)	STATE HOUSE DISTRICT	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL TAXES (1,000)
55	4,374	\$272,439	\$1,349,419	\$28,839	81	17,205	\$1,053,913	\$5,275,410	\$111,562
56	4,440	\$276,505	\$1,369,559	\$29,269	82	1,120	\$66,512	\$340,926	\$7,041
57	4,505	\$280,572	\$1,389,700	\$29,700	83	1,812	\$107,678	\$553,604	\$11,398
58	4,505	\$280,572	\$1,389,700	\$29,700	84	1,518	\$90,500	\$466,426	\$9,580
59	4,505	\$280,572	\$1,389,700	\$29,700	85	2,473	\$147,528	\$768,115	\$15,617
60	4,440	\$276,505	\$1,369,559	\$29,269	86	2,855	\$170,383	\$890,344	\$18,036
61	3,076	\$187,069	\$938,891	\$19,802	87	1,702	\$101,645	\$529,111	\$10,760
62	3,687	\$225,965	\$1,130,742	\$23,919	88	1,419	\$84,564	\$436,155	\$8,952
63	3,517	\$215,552	\$1,078,634	\$22,817	89	1,641	\$97,255	\$497,575	\$10,295
64	1,347	\$79,149	\$403,941	\$8,378	90	2,876	\$168,587	\$847,465	\$17,846
65	2,335	\$134,807	\$679,569	\$14,270	91	1,626	\$96,967	\$499,695	\$10,264
66	1,684	\$99,897	\$514,019	\$10,575	92	2,305	\$137,399	\$708,512	\$14,544
67	1,740	\$103,495	\$535,386	\$10,955	93	1,956	\$115,056	\$585,185	\$12,179
68	2,453	\$141,823	\$712,453	\$15,013	94	1,334	\$78,412	\$400,183	\$8,300
69	2,084	\$123,956	\$638,185	\$13,121	95	1,328	\$78,044	\$398,304	\$8,261
70	3,415	\$209,304	\$1,047,369	\$22,156	96	1,359	\$79,885	\$407,698	\$8,456
71	2,660	\$160,002	\$809,933	\$16,937	97	12,725	\$915,398	\$2,867,672	\$96,899
72	2,391	\$144,808	\$733,847	\$15,329	98	11,296	\$833,642	\$2,384,226	\$88,245
73	2,560	\$152,441	\$786,490	\$16,137	99	10,608	\$784,161	\$2,229,217	\$83,007
74	2,769	\$163,171	\$832,729	\$17,272	100	11,181	\$825,395	\$2,358,391	\$87,372
75	2,230	\$131,684	\$673,309	\$13,939	101	10,723	\$792,407	\$2,255,052	\$83,880
76	2,675	\$157,653	\$804,569	\$16,688	102	9,024	\$666,937	\$1,891,010	\$70,599
77	2,689	\$158,441	\$808,592	\$16,772	103	10,608	\$784,161	\$2,229,217	\$83,007
78	2,702	\$159,229	\$812,615	\$16,855	104	11,755	\$866,629	\$2,487,566	\$91,737
79	2,109	\$125,139	\$641,730	\$13,247	105	11,067	\$817,148	\$2,332,556	\$86,499
80	1,867	\$110,947	\$570,185	\$11,744	TOTALS	351,359	\$22,515,852	\$98,237,652	\$2,383,414



STATE SENATE DISTRICT	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL TAXES (1,000)	STATE SENATE DISTRICT	JOBS	INCOME (1,000)	TOTAL ECONOMIC VALUE (1,000)	STATE/LOCAL TAXES (1,000)
1	4,530	\$269,891	\$1,392,362	\$28,569	19	13,253	\$825,450	\$4,088,537	\$87,378
2	8,423	\$500,182	\$2,571,121	\$52,947	20	13,449	\$837,649	\$4,148,959	\$88,669
3	6,895	\$411,204	\$2,117,596	\$43,528	21	10,198	\$622,729	\$3,120,403	\$65,919
4	4,274	\$249,313	\$1,261,054	\$26,391	22	8,660	\$571,065	\$2,272,044	\$60,450
5	6,336	\$386,970	\$1,949,476	\$40,963	23	7,184	\$417,033	\$2,097,288	\$44,145
6	5,764	\$343,429	\$1,771,725	\$36,354	24	8,157	\$494,588	\$2,498,035	\$52,355
7	8,942	\$530,864	\$2,728,555	\$56,195	25	6,763	\$400,300	\$2,047,891	\$42,374
8	6,334	\$376,972	\$1,940,643	\$39,904	26	8,668	\$510,795	\$2,606,804	\$54,070
9	11,064	\$658,561	\$3,394,710	\$69,712	27	5,595	\$332,248	\$1,705,147	\$35,170
10	4,371	\$260,600	\$1,343,427	\$27,586	28	4,947	\$295,054	\$1,528,164	\$31,233
11	5,534	\$329,410	\$1,700,645	\$34,870	29	6,621	\$393,530	\$2,038,281	\$41,657
12	4,732	\$281,717	\$1,454,201	\$29,821	30	4,108	\$243,495	\$1,249,468	\$25,775
13	5,167	\$307,147	\$1,576,705	\$32,513	31	5,497	\$327,243	\$1,683,152	\$34,640
14	6,574	\$389,385	\$1,998,584	\$41,218	32	4,065	\$238,919	\$1,219,337	\$25,291
15	10,318	\$633,201	\$3,178,835	\$67,027	33	34,411	\$2,470,659	\$7,781,929	\$261,531
16	12,097	\$747,677	\$3,729,205	\$79,145	34	38,065	\$2,739,452	\$8,569,262	\$289,984
17	9,149	\$564,085	\$2,819,778	\$59,711	35	37,830	\$2,721,453	\$8,525,510	\$288,079
18	13,384	\$833,582	\$4,128,818	\$88,239	TOTALS	351,359	\$22,515,852	\$98,237,651	\$2,383,413

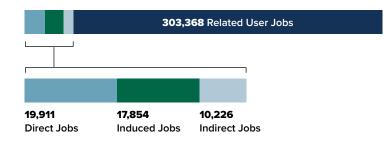
### Exhibit 5: Economic Impacts of the Port of Mobile by Alabama State Senate District





# 2022 Summary of Results – State of Alabama

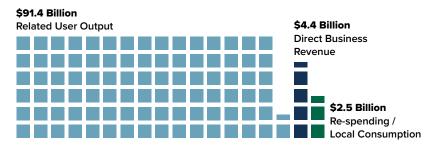
#### 351,359 Total Jobs

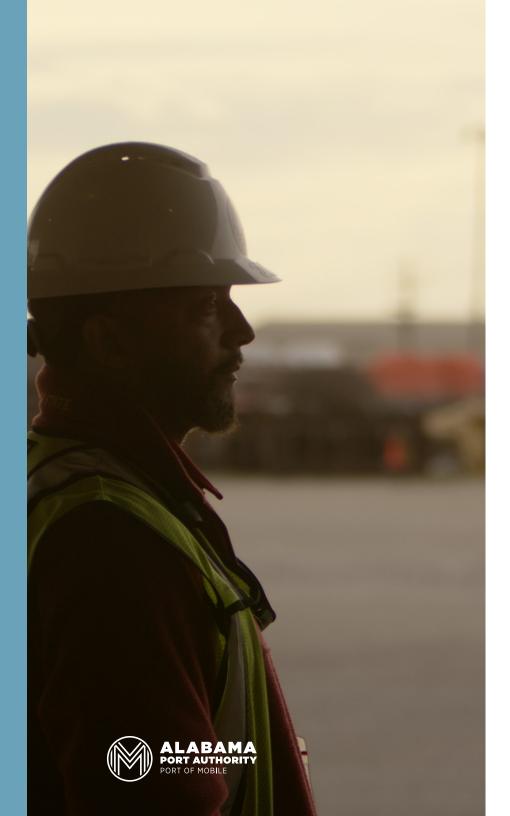


### **\$22.5 Billion** Personal Income/Local Consumption



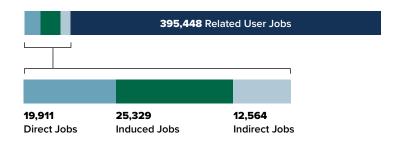
### **\$98.3 Billion** Total Economic Value





# 2022 Summary of Results – Nationwide

### 453,253 Total Jobs

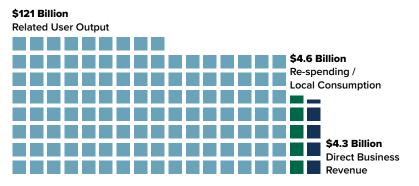


### \$30 Billion Personal Income/Local Consumption



\$4.6 Billion Re-spending / Local Consumption
\$1.1 Billion Direct Personal Income
\$887.7 Million Indirect Personal Income
\$24.1 Billion Related User Income

### \$130 Billion Total Economic Value





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