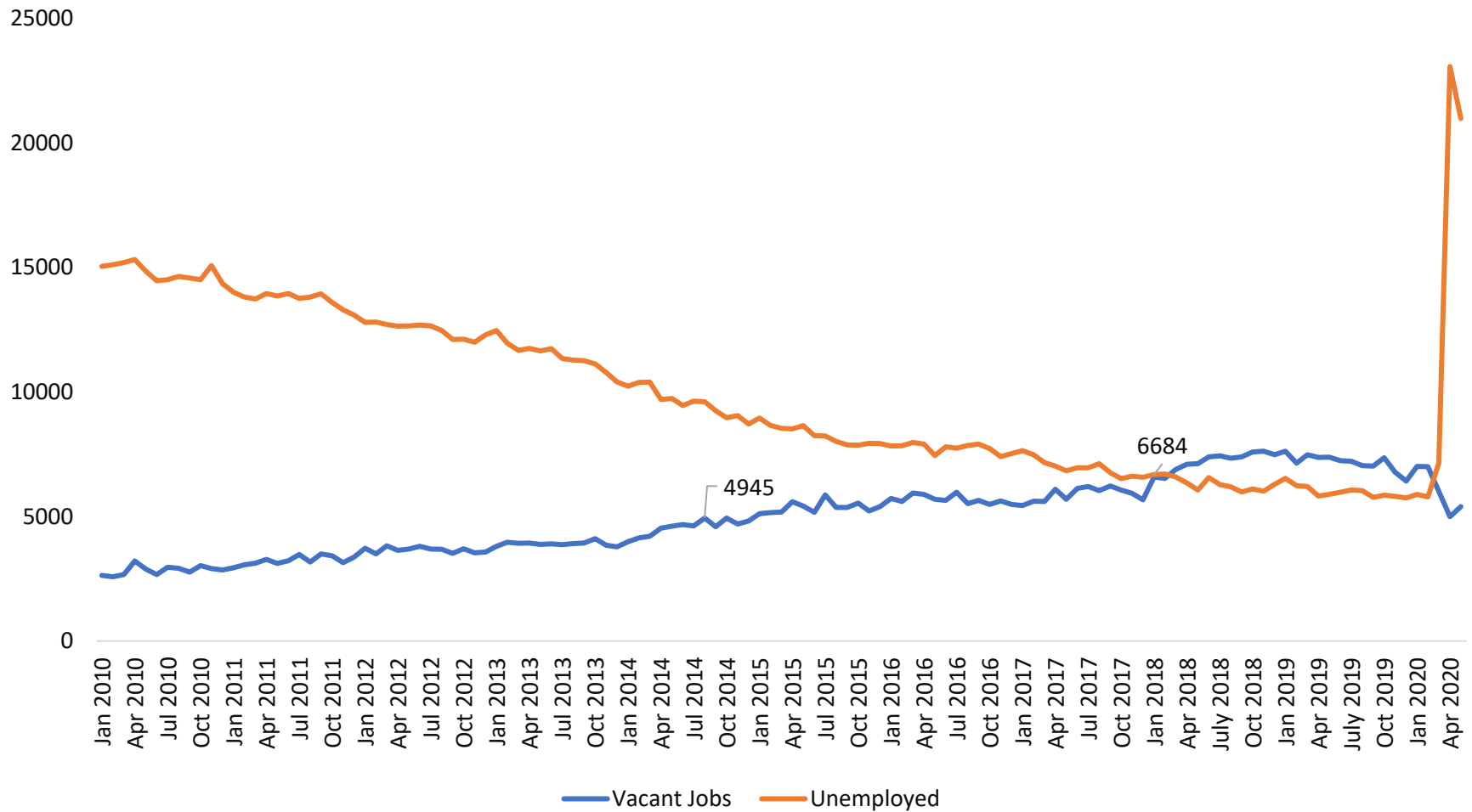


# The Covid-19 Jobs Crash and Recovery in Rhode Island

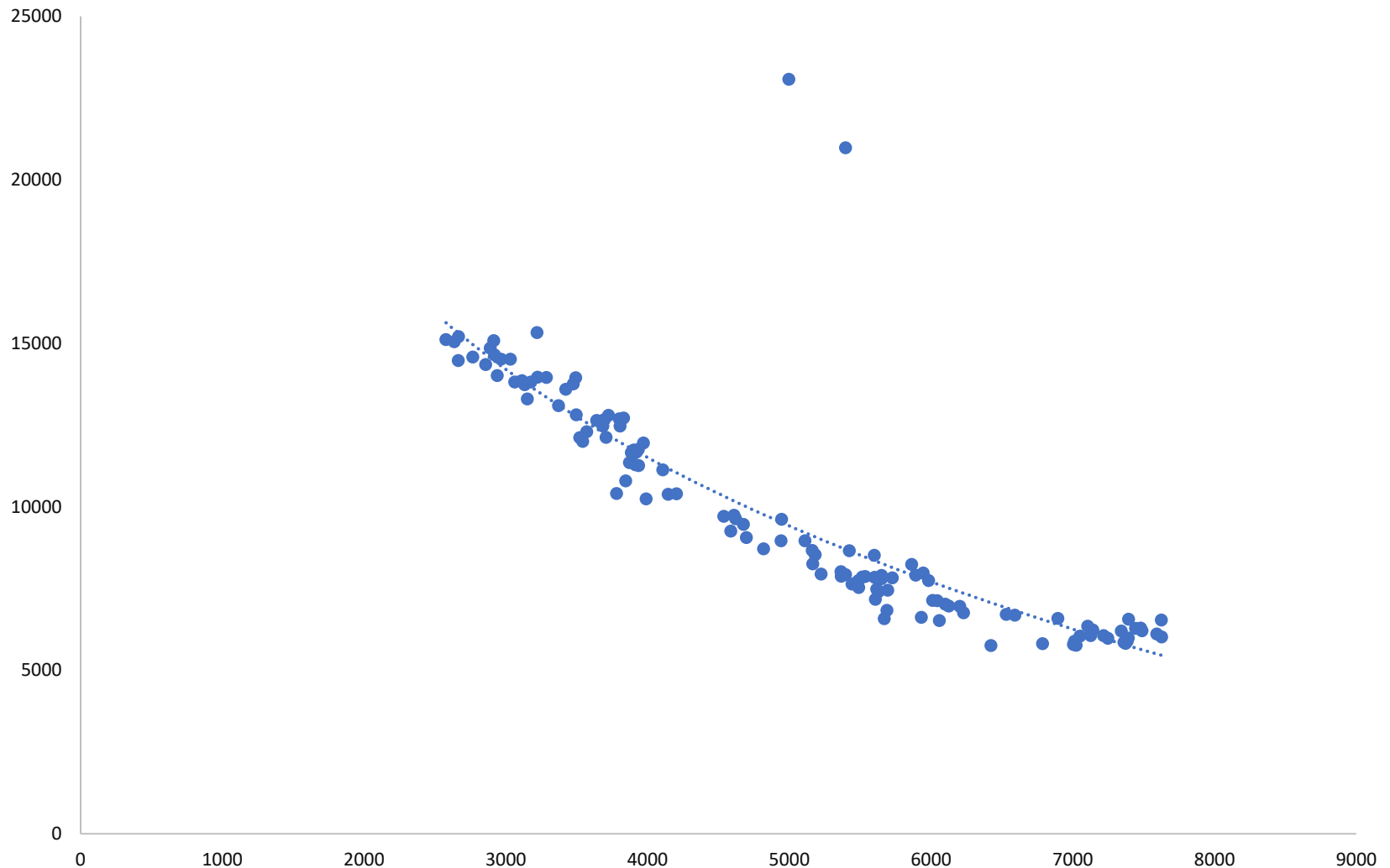
Paul Harrington  
Center for Labor Markets and Policy  
Drexel University



## Trends in the Number of Unemployed Workers and Vacant Jobs in the U.S., January 2010 to May 2020



## Trends in the Unemployment to Job Vacancy (Beveridge Curve) Relationship in the U.S., January 2010 to May 2020



## Recent Trends in the Number of Unemployed Workers and Vacant Jobs in the U.S.

	<b>Job Vacancies</b>	<b>Unemployed Workers</b>	<b>Ratio of U:V</b>
Jan 2020	7012	5892	0.84
Feb 2020	7004	5787	0.83
Mar 2020	6011	7140	1.19
Apr 2020	4996	23078	4.62
May 2020	5397	20985	3.89

## Trends in the Number of Employed Persons in New England February to May 2020

Employment	Feb-20	May-20	Change	Percent Change
Connecticut	1,857,872	1,604,214	-253,658	-14%
Maine	672,993	603,185	-69,808	-10%
Massachusetts	3,728,255	2,953,936	-774,319	-21%
New Hampshire	759,597	620,634	-138,963	-18%
Rhode Island	539,751	437,273	-102,478	-19%
Vermont	331,947	299,455	-32,492	-10%
New England	7,890,415	6,518,697	-1,371,718	-17%
U.S.	158,440,164	137,209,182	-21,230,982	-13%

## Trends in the Employment to Population Ratio in New England, February to May 2020

E/P Ratio	Feb-20	May-20
Connecticut	64.4%	55.6%
Maine	60.4%	54.1%
Massachusetts	66.0%	52.2%
New Hampshire	67.4%	55.0%
Rhode Island	62.4%	50.5%
Vermont	64.0%	57.7%
New England	64.9%	53.6%
U.S.	61.0%	52.8%

## Trends in the Number of Unemployed Persons in New England, February to May 2020

Unemployed	Feb-20	May-20	Change	Percent Change
Connecticut	72,581	166,338	93,757	129%
Maine	22,036	62,103	40,067	182%
Massachusetts	106,572	576,132	469,560	441%
New Hampshire	19,935	105,589	85,654	430%
Rhode Island	18,780	84,906	66,126	352%
Vermont	8,195	43,744	35,549	434%
New England	248,099	1,038,812	790,713	319%
U.S.	5,788,153	20,999,253	15,211,100	263%

## Trends in the Number of Unemployed Persons in New England, February to May 2020

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New England	248,099	1,038,812	790,713	319%
U.S.	5,788,153	20,999,253	15,211,100	263%



## Trends in the Number of Labor Force Participants in New England, February to May 2020

Labor Force	Feb-20	May-20	Change	Percent Change
Connecticut	1,930,453	1,770,552	-159,901	-8%
Maine	695,029	665,288	-29,741	-4%
Massachusetts	3,834,827	3,530,068	-304,759	-8%
New Hampshire	779,532	726,223	-53,309	-7%
Rhode Island	558,531	522,179	-36,352	-7%
Vermont	340,142	343,199	3,057	1%
New England	8,138,514	7,557,509	-581,005	-7%
U.S.	164,228,317	158,208,435	-6,019,882	-4%

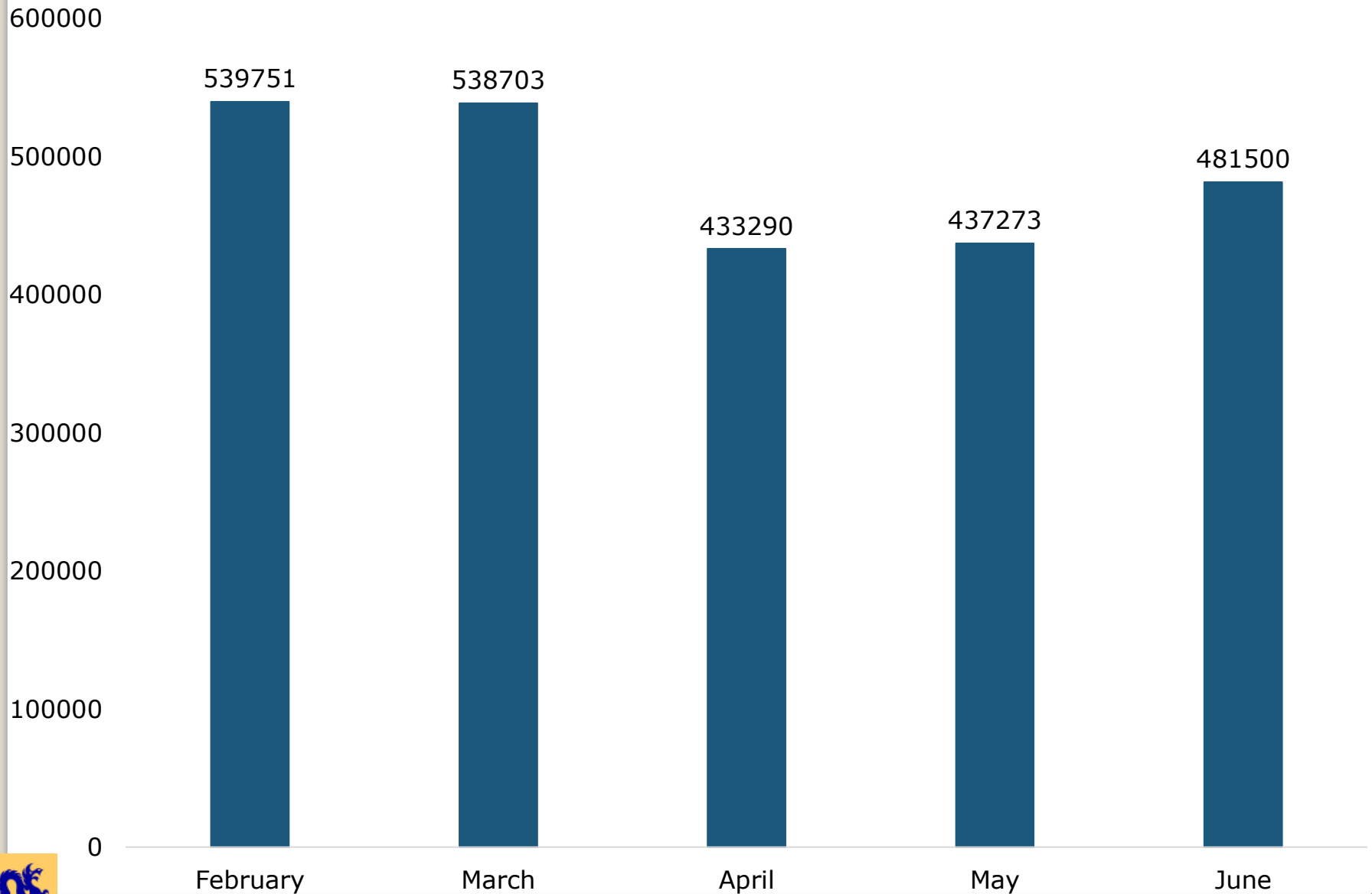
## Trends in the Labor Force Participation Rate of Working Age Residents in New England, February to May 2020

LFPR	Feb-20	May-20
Connecticut	66.9%	61.4%
Maine	62.4%	59.6%
Massachusetts	67.9%	62.4%
New Hampshire	69.2%	64.4%
Rhode Island	64.5%	60.3%
Vermont	65.6%	66.1%
New England	66.9%	62.1%
U.S.	63.3%	60.8%

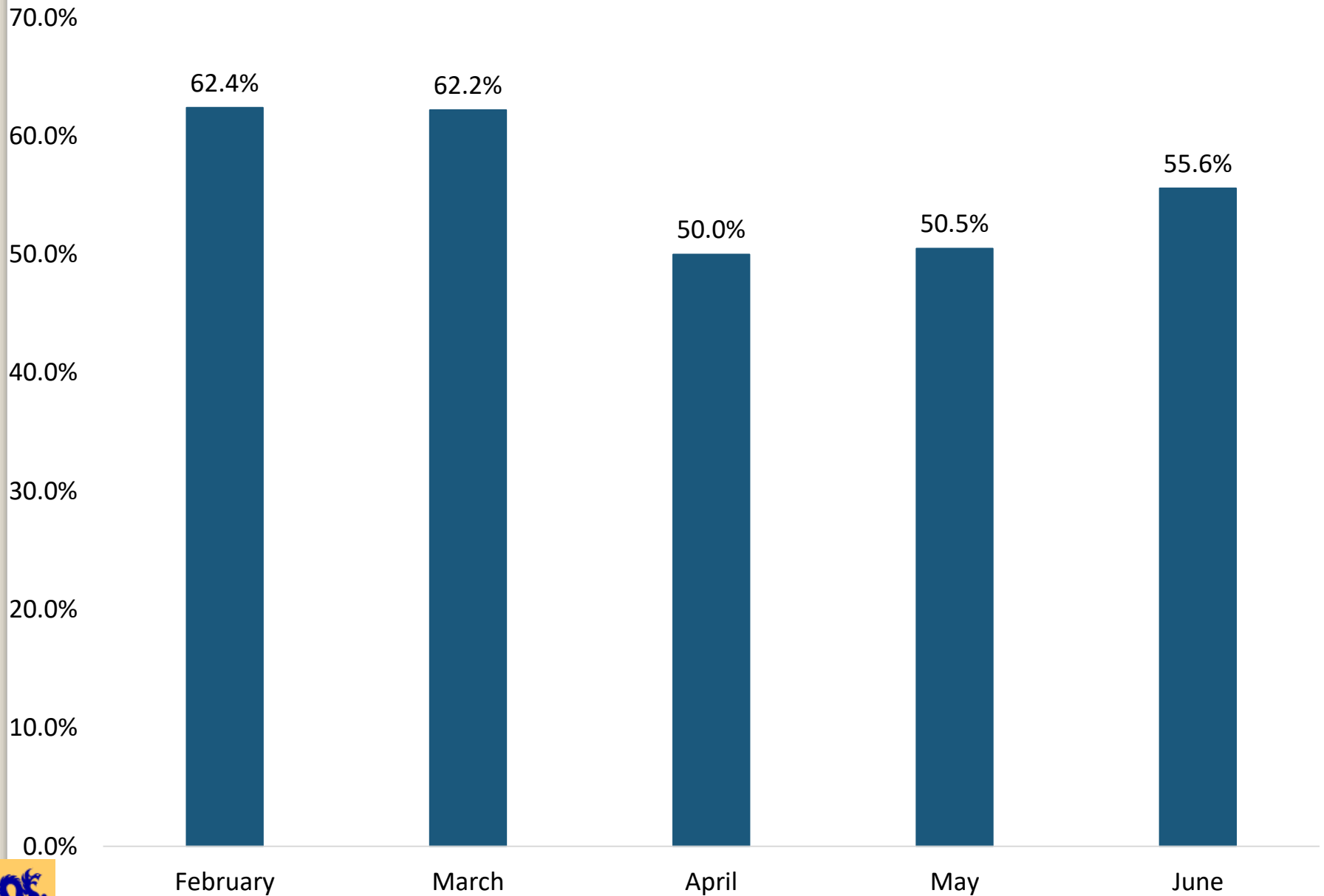
## Sources of Decline in the Number of Employed Persons in New England, February to May 2020

	Labor Force Decline		Unemployment Increase		Total Employment Losses
	Number	Share of Loss	Number	Share of Loss	
Connecticut	159,901	63%	93,757	37%	253,658
Maine	29,741	43%	40,067	57%	69,808
Massachusetts	304,759	39%	469,560	61%	774,319
New Hampshire	53,309	38%	85,654	62%	138,963
Rhode Island	36,352	35%	66,126	65%	102,478
Vermont	3,057	8%	35,549	92%	38,606
New England	581,005	42%	790,713	58%	1,371,718
U.S.	6,019,882	28%	15,211,100	72%	21,230,982

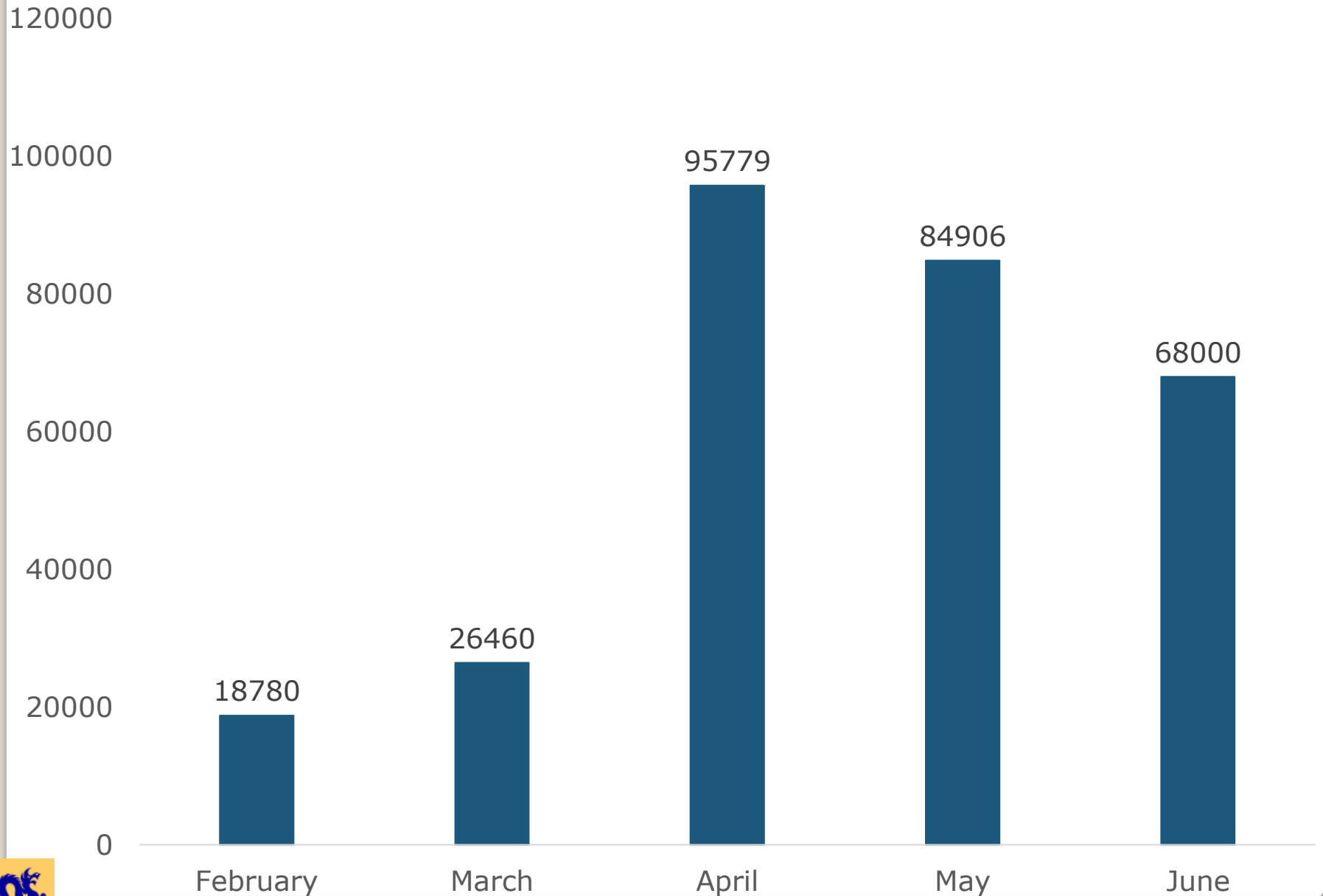
## Trends in the Number of Employed Persons in Rhode Island, 2020



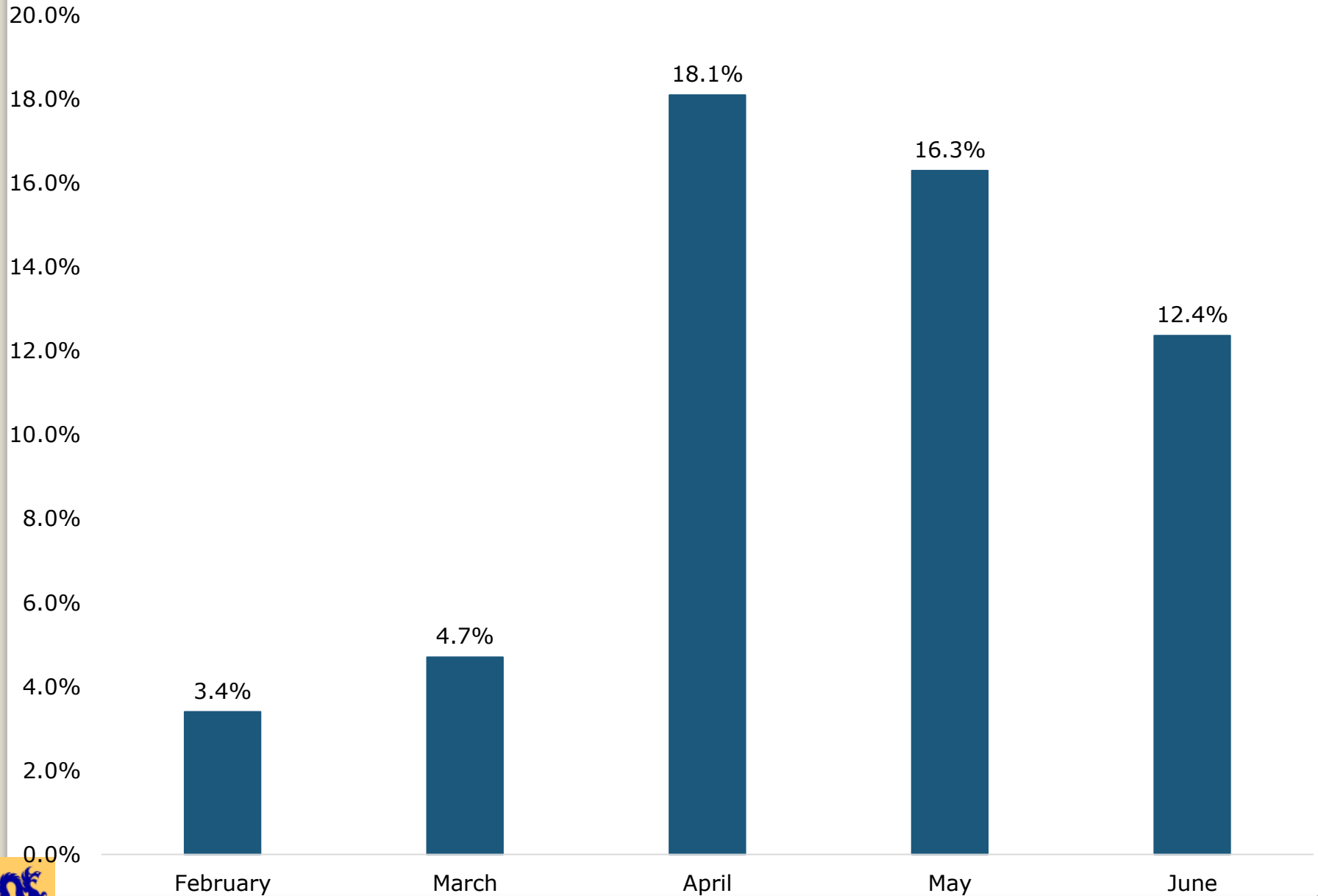
## Trends in the Rhode Island Employment/Population Ratio



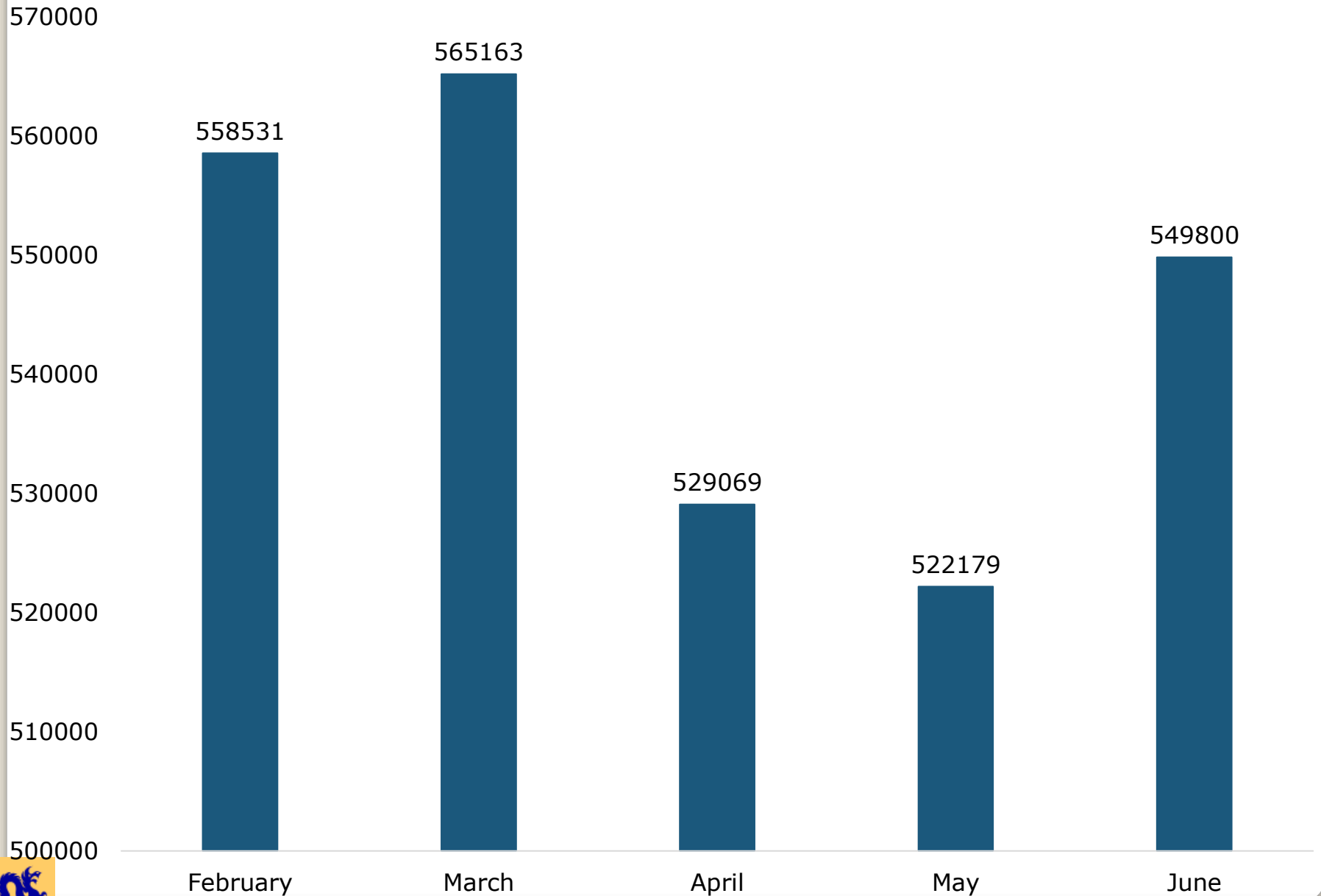
## Trends in the Rhode Island Unemployment



## Trends in the Rhode Island Unemployment Rate

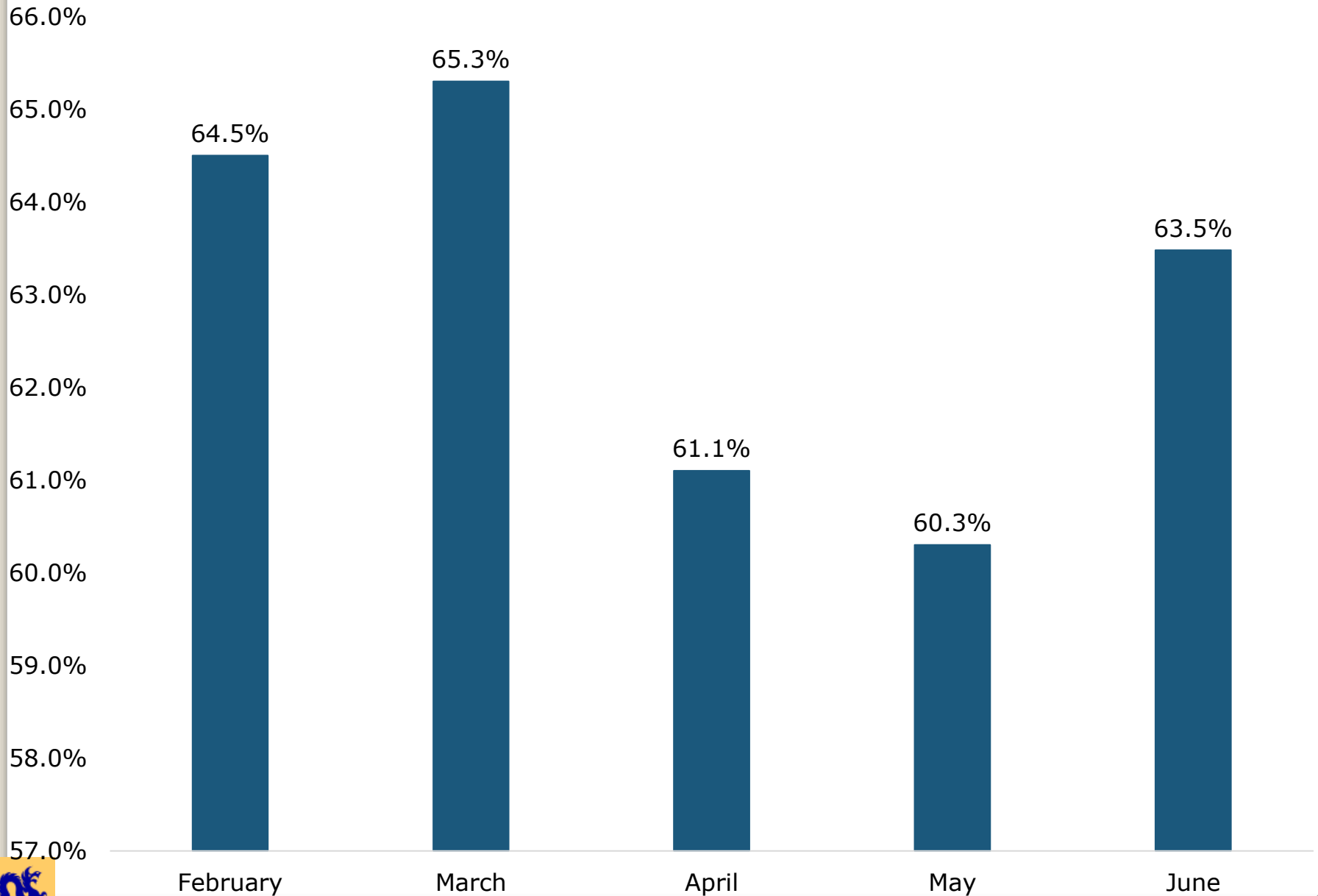


## Trends in the Rhode Island Labor Force





## Trends in the Rhode Island Labor Force Participation Rate



## Trends in Nonfarm Payroll Employment, New Employment February to April 2020

	<b>Feb-20</b>	<b>Apr-20</b>	<b>Change</b>	<b>% Change</b>
United States	152,463	130,303	-22,160	-15%
New England	7562.1	6191.2	-1370.9	-18%
Connecticut	1699.5	1408.2	-291.3	-17%
Maine	637.3	532.8	-104.5	-16%
Massachusetts	3712.6	3022.1	-690.5	-19%
New Hampshire	690.3	572	-118.3	-17%
Rhode Island	508.4	410.3	-98.1	-19%
Vermont	314	245.8	-68.2	-22%

## Trends in Non-Farm Payroll Employment During the Recovery

	<b>Apr-20</b>	<b>Jun-20</b>	<b>Job Gains</b>	<b>Percent Gains</b>
Connecticut	1408.2	1509.9	101.7	7.2%
New Hampshire	572	610.2	38.2	6.7%
Rhode Island	410.3	443.6	33.3	8.1%
US	130,303	137,802	7,499	5.8%

## Trends in Non-Farm Payroll Employment in Selected Goods Producing, Trade and Services Industries in Rhode Island

	Feb-20	Apr-20	Change	% Change
Total Nonfarm	508.4	410.3	-98.1	-19%
Mining and Logging	0.2	0.2	0	0%
Construction	20.3	17.7	-2.6	-13%
Manufacturing	39.4	37.2	-2.2	-6%
Durable Goods	25.2	24.8	-0.4	-2%
Nondurable Goods	14.2	12.4	-1.8	-13%
Trade, Transportation, and Utilities	78.5	65.5	-13	-17%
Wholesale Trade	16.8	16.1	-0.7	-4%
Retail Trade	48.5	39.1	-9.4	-19%
Transportation and Warehousing	13.2	10.3	-2.9	-22%
Administrative and Waste Services	28.7	21	-7.7	-27%
Leisure and Hospitality	61.2	22.1	-39.1	-64%
Arts, Entertainment, and Recreation	8.2	3.3	-4.9	-60%
Accommodation and Food Services	53	18.8	-34.2	-65%
Other Services	22.2	16	-6.2	-28%
All Selected Industries	250.5	179.7	-70.8	-28%
Share of Total Employment	49%	44%		

## Trends in Non-Farm Payroll Employment in Selected Goods Producing, Trade and Services Industries in Rhode Island

	Apr-20	Jun-20	Change	% Change
Total Nonfarm	410.3	443.6	33.3	8%
Mining and Logging	0.2	0.3	0.1	50%
Construction	17.7	18	0.3	2%
Manufacturing	37.2	38.1	0.9	2%
Durable Goods	24.8	25.1	0.3	1%
Nondurable Goods	12.4	13	0.6	5%
Trade, Transportation, and Utilities	65.5	70.2	4.7	7%
Wholesale Trade	16.1	15.2	-0.9	-6%
Retail Trade	39.1	45.1	6	15%
Transportation and Warehousing	10.3	9.9	-0.4	-4%
Administrative and Waste Services	21	23.9	2.9	14%
Leisure and Hospitality	22.1	38.3	16.2	73%
Arts, Entertainment, and Recreation	3.3	4.7	1.4	42%
Accommodation and Food Services	18.8	33.6	14.8	79%
Other Services	16	17.4	1.4	9%
All Selected Industries	179.7	206.2	26.5	15%
Share of Total Employment	44%	46%		

## Trends in Selected Professional, Healthcare, and Government Industries in Rhode Island

	Feb-20	Apr-20	Change	% Change
Financial Activities	35.8	33.8	-2	-6%
Professional, Scientific, and Technical Services	26.4	23.4	-3	-11%
Management of Companies and Enterprises	13.3	12.9	-0.4	-3%
Education and Health Services	110.9	90.9	-20	-18%
Educational Services	27	22.8	-4.2	-16%
Health Care and Social Services	83.9	68.1	-15.8	-19%
Ambulatory Health Care Services	28	19	-9	-32%
Hospitals	24	21.9	-2.1	-9%
Nursing and Residential Care Facilities	17.9	15.9	-2	-11%
Social Assistance	13.8	11.3	-2.5	-18%
Government	66	64.3	-1.7	-3%
All Selected Industries	252.4	225.3	-27.1	-11%
Share of Total Employment	50%	55%		

## Trends in Selected Professional, Healthcare, and Government Industries in Rhode Island

	Apr-20	Jun-20	Change	% Change
Financial Activities	33.8	34.6	0.8	2%
Professional, Scientific, and Technical Services	23.4	23.9	0.5	2%
Management of Companies and Enterprises	12.9	13.0	0.1	1%
Education and Health Services	90.9	100.0	9.1	10%
Educational Services	22.8	26.0	3.2	14%
Health Care and Social Services	68.1	74.0	5.9	9%
Ambulatory Health Care Services	19	23.9	4.9	26%
Hospitals	21.9	22.7	0.8	4%
Nursing and Residential Care Facilities	15.9	15.8	-0.1	-1%
Social Assistance	11.3	11.7	0.4	4%
Government	64.3	60.6	-3.7	-6%
All Selected Industries	225.3	232.1	6.8	3%
Share of Total Employment	59%	52%		

## Trends in the Number of Regular Unemployment Insurance Claims by Major Industry

	Feb-20	Apr-20	Change	% Change
Construction	2426	5738	3312	137%
Manufacturing	733	7179	6446	879%
Wholesale Trade	273	2848	2575	943%
Retail Trade	756	11283	10527	1392%
Transportation and Warehousing	288	4042	3754	1303%
Information	78	596	518	664%
Finance and Insurance	233	1303	1070	459%
Real Estate	177	1407	1230	695%
Prof and Tech Services	361	3253	2892	801%
Management of Companies and Enterprises	86	493	407	473%
Admin and Waste Services	2494	6573	4079	164%
Education	117	2677	2560	2188%
Health Care and Social Assistance	683	15796	15113	2213%
Arts, Entertainment & Recreation	586	3951	3365	574%
Accommodation and Food Services	1101	21923	20822	1891%
Other Services	281	5716	5435	1934%
Public Administration	73	646	573	785%



## Trends in the Number of Regular Unemployment Insurance Claims by Major Industry

	Apr-20	Jun-20	Change	% Change
Construction	5,738	3,027	-2,711	-47%
Manufacturing	7,179	4,236	-2,943	-41%
Wholesale Trade	2,848	2,026	-822	-29%
Retail Trade	11,283	8,016	-3,267	-29%
Transportation and Warehousing	4,042	3,730	-312	-8%
Information	596	531	-65	-11%
Finance and Insurance	1,303	1,073	-230	-18%
Real Estate	1,407	1,161	-246	-17%
Prof and Tech Services	3,253	2,581	-672	-21%
Management of Companies and Enterprises	493	387	-106	-22%
Admin and Waste Services	6,573	5,284	-1,289	-20%
Education	2,677	2,457	-220	-8%
Health Care and Social Assistance	15,796	9,398	-6,398	-41%
Arts, Entertainment & Recreation	3,951	1,847	-2,104	-53%
Accommodation and Food Services	21,923	18,019	-3,904	-18%
Other Services	5,716	3,747	-1,969	-34%
Public Administration	646	520	-126	-20%

## Trends in the Number of Regular Unemployment Insurance Claims by Major Occupation

	Feb-20	Apr-20	Change	% Change
Management	795	6133	5338	671%
Business and Financial Operations	216	1948	1732	802%
Computer and Mathematical	164	961	797	486%
Architecture and Engineering	97	759	662	682%
Life, Physical and Social Science	46	592	546	1187%
Community and Social Services	72	1168	1096	1522%
Legal	29	223	194	669%
Education, Training, Library	87	4149	4062	4669%
Art, Design Amusements, Media	154	1712	1558	1012%
Healthcare Practitioner and Technical	165	4713	4548	2756%
Healthcare Support	160	3540	3380	2113%
Protective Services	82	747	665	811%
Food Preparation and Services	767	17295	16528	2155%
Building/Grounds/Cleaning	1228	2673	1445	118%
Personal Care and Services	183	5177	4994	2729%
Sales and Related	448	7086	6638	1482%
Office and Admin	1094	12639	11545	1055%
Construction and Extraction	954	3057	2103	220%
Installation, Repair	325	2550	2225	685%
Production	679	7350	6671	982%
Transportation and Material Moving	844	7038	6194	734%

## Trends in the Number of Regular Unemployment Insurance Claims by Major Occupation

	Apr-20	Jun-20	Change	% Change
Management	6,133	4,355	-1,778	-29%
Business and Financial Operations	1,948	1,541	-407	-21%
Computer and Mathematical	961	786	-175	-18%
Architecture and Engineering	759	499	-260	-34%
Life, Physical and Social Science	592	380	-212	-36%
Community and Social Services	1,168	879	-289	-25%
Legal	223	144	-79	-35%
Education, Training, Library	4,149	2,966	-1,183	-29%
Art, Design Amusements, Media	1,,712	1,362	-350	-20%
Healthcare Practitioner and Technical	4,713	2,348	-2,365	-50%
Healthcare Support	3,540	2,368	-1,172	-33%
Protective Services	747	617	-130	-17%
Food Preparation and Services	17,295	13,413	-3,882	-22%
Building/Grounds/Cleaning	2,673	1,900	-773	-29%
Personal Care and Services	5,177	3,828	-1,349	-26%
Sales and Related	7,086	5,236	-1,850	-26%
Office and Admin	12,639	8,956	-3,683	-29%
Construction and Extraction	3,057	1,715	-1,342	-44%
Installation, Repair	2,550	1,508	-1,042	-41%
Production	7,350	5,035	-2,315	-31%
Transportation and Material Moving	7,038	5,910	-1,128	-16%

## Trends in the Number of Regular Unemployment Insurance Claims by Gender, Ethnicity, and Race

	Feb-20	Apr-20	Change	Relative Change
Gender	11,199	96,663	85,464	763%
Male	7,722	41,414	33,692	436%
Female	3,477	55,249	51,772	1489%
Ethnicity	11,199	96,663	85,464	763%
Hispanic	1,747	13,829	12,082	692%
Not Hispanic	6,947	62,861	55,914	805%
Not Available	2,505	19,973	17,468	697%
Race	11,199	96,663	85,464	763%
American Indian	83	816	733	883%
Asian	131	2,823	2,692	2055%
Black/African American	669	6,262	5,593	836%
Pacific Islander	65	488	423	651%
White	7,523	66,185	58,662	780%
Not Available	2,728	20,089	17,361	636%

## Trends in the Number of Regular Unemployment Insurance Claims by Gender, Ethnicity, and Race

	Apr-20	Jun-20	Change	Relative Change
Gender	96,663	69,230	-27,433	-28%
Male	41,414	28,588	-12,826	-31%
Female	55,249	40,642	-14,607	-26%
Ethnicity	96,663			
Hispanic	13,829			
Not Hispanic	62,861			
Not Available	19,973			
Race				
American Indian	816			
Asian	2,823			
Black/African American	6,262			
Pacific Islander	488			
White	66,185			
Not Available	20,089			

## Trends in the Number of Regular Unemployment Insurance Claims by Age

	Feb-20	Apr-20	Change	% Change
Under 22	310	7487	7177	2315%
22-24	551	7641	7090	1287%
25-34	2663	24443	21780	818%
35-44	2344	18478	16134	688%
45-54	2319	16143	13824	596%
55-59	1196	8474	7278	609%
60-64	975	6948	5973	613%
65+	841	7049	6208	738%

## Trends in the Number of Regular Unemployment Insurance Claims by Age

	<b>Apr-20</b>	<b>June</b>	<b>Change</b>	<b>% Change</b>
Under 22	7,487	5,564	-1,923	-26%
22-24	7,641	5,627	-2,014	-26%
25-34	24,443	17,333	-7,110	-29%
35-44	18,478	12,951	-5,527	-30%
45-54	16,143	11,058	-5,085	-31%
55-59	8,474	5,868	-2,606	-31%
60-64	6,948	4,974	-1,974	-28%
65+	7,049	5,855	-1,194	-17%

## Trends in the Number of Regular Unemployment Insurance Claims by Highest Level of Educational Attainment

	<b>Feb-20</b>	<b>Apr-20</b>	<b>Change</b>	<b>% Change</b>
Less than 12	513	2052	1539	300%
9th to 12, no diploma	1085	6148	5063	467%
High School Graduate Only	4992	35797	30805	617%
Some College	2353	25908	23555	1001%
Bachelors Only	937	10661	9724	1038%
Graduate/ Professional Degree	1189	15283	14094	1185%



## Trends in the Number of Regular Unemployment Insurance Claims by Highest Level of Educational Attainment

	<b>Apr-20</b>	<b>Jun-20</b>	<b>Change</b>	<b>% Change</b>
Less than 12	2,052	1,484	-568	-28%
9th to 12, no diploma	6,148	4,836	-1312	-21%
High School Graduate Only	35,797	26,145	-9652	-27%
Some College	25,908	18,285	-7623	-29%
Bachelors Only	10,661	7,057	-3604	-34%
Graduate/ Professional Degree	15,283	10,855	-4428	-29%