JOHNDUNHAM \&ASSOCIATES
The Winning Side of Economics

## MEMORANDUM

| TO: | Dawson Hobbs |
| :--- | :--- |
| FROM: | John Dunham |
| DATE: | April 14, 2020 |
| RE: | Additional Impacts from COVID-19 |

As governments across the country order restaurants, taverns, hotels and other venues closed in response to the COVID-19 virus, millions of Americans will see their jobs disappear. In addition, many if not most, of these establishments, will have their cash-flow interrupted and will not be able to pay their utilities, their rent, and their suppliers.

To date, 47 states and the District of Columbia, have ordered a total, or near total shutdown of hospitality venues, including those that serve alcoholic beverages. In addition, starting in the middle of March, most on-premise establishments (including hotels, bars, taverns, nightclubs, restaurants, etc.) saw their customers vanish and their sales disappear. This was true even in states that did not enforce mandatory closures. Thirty-one states allow for credit sales of beverage alcohol products from wholesalers to retailers. The lack of cash-flow for hospitality venues in these states put payments to wine and spirits wholesalers far down on the pecking order. This could lead to further job losses as wholesalers become unable to collect for products that they have already distributed.

Table 1 below outlines the potential accounts receivable (AR) nightmare that wholesalers might face.
Table 1
Potential Uncollectable Receivables due to COVID-19 Shutdowns

|  | February Sales |  |  |  |  |  | Est. March Sales |  |  |  |  |  | At Risk Receivables |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State |  | Wine |  | Spirits |  | Total |  | Wine |  | Spirits |  | Total |  | Wine |  | Spirits |  | Total |
| AK | \$ | 1,483,383 | \$ | 2,687,127 | \$ | 4,170,509 | \$ | 396,451 | \$ | 1,190,858 | \$ | 1,587,309 | \$ | 1,503,867 | \$ | 3,102,388 | \$ | 4,606,255 |
| CA | \$ | 51,937,697 | \$ | 84,506,503 | \$ | 136,444,201 | \$ | 13,880,930 | \$ | 37,450,887 | \$ | 51,331,817 | \$ | 52,654,902 | \$ | 97,565,913 | \$ | 150,220,815 |
| CO | \$ | 9,782,008 | \$ | 21,481,373 | \$ | 31,263,382 | \$ | 2,614,351 | \$ | 9,519,936 | \$ | 12,134,287 | \$ | 9,917,087 | \$ | 24,801,047 | \$ | 34,718,135 |
| CT | \$ | 4,974,416 | \$ | 9,969,878 | \$ | 14,944,294 | \$ | 1,329,468 | \$ | 4,418,367 | \$ | 5,747,835 | \$ | 5,043,107 | \$ | 11,510,596 | \$ | 16,553,703 |
| DE | \$ | 1,861,099 | \$ | 4,436,633 | \$ | 6,297,732 | \$ | 497,400 | \$ | 1,966,190 | \$ | 2,463,590 | \$ | 1,886,799 | \$ | 5,122,259 | \$ | 7,009,058 |
| DC | \$ | 3,045,541 | \$ | 6,561,247 | \$ | 9,606,788 | \$ | 813,955 | \$ | 2,907,759 | \$ | 3,721,713 | \$ | 3,087,597 | \$ | 7,575,204 | \$ | 10,662,801 |
| FL | \$ | 27,777,103 | \$ | 82,682,413 | \$ | 110,459,515 | \$ | 7,423,741 | \$ | 36,642,502 | \$ | 44,066,243 | \$ | 28,160,675 | \$ | 95,459,932 | \$ | 123,620,607 |
| HI | \$ | 2,953,615 | \$ | 4,757,350 | \$ | 7,710,965 | \$ | 789,387 | \$ | 2,108,323 | \$ | 2,897,709 | \$ | 2,994,401 | \$ | 5,492,538 | \$ | 8,486,939 |
| IL | \$ | 14,771,712 | \$ | 28,830,900 | \$ | 43,602,612 | \$ | 3,947,905 | \$ | 12,777,038 | \$ | 16,724,943 | \$ | 14,975,694 | \$ | 33,286,350 | \$ | 48,262,044 |
| IA | \$ | 1,818,166 | \$ | 7,144,871 | \$ | 8,963,037 | \$ | 485,925 | \$ | 3,166,404 | \$ | 3,652,330 | \$ | 1,843,273 | \$ | - | \$ | 1,843,273 |
| IN | \$ | 4,997,635 | \$ | 11,345,976 | \$ | 16,343,610 | \$ | 1,335,674 | \$ | 5,028,215 | \$ | 6,363,889 | \$ | 5,066,647 | \$ | 13,099,352 | \$ | 18,165,999 |
| KY | \$ | 3,354,383 | \$ | 7,987,361 | \$ | 11,341,744 | \$ | 896,496 | \$ | 3,539,772 | \$ | 4,436,268 | \$ | 3,400,704 | \$ | 9,221,706 | \$ | 12,622,410 |
| LA | \$ | 3,770,656 | \$ | 9,071,843 | \$ | 12,842,499 | \$ | 1,007,750 | \$ | 4,020,384 | \$ | 5,028,134 | \$ | 3,822,725 | \$ | 10,473,782 | \$ | 14,296,506 |
| ME | \$ | 1,771,919 | \$ | 4,255,733 | \$ | 6,027,652 | \$ | 473,565 | \$ | 1,886,020 | \$ | 2,359,585 | \$ | 1,796,388 | \$ | - | \$ | 1,796,388 |
| MD | \$ | 6,710,100 | \$ | 14,851,365 | \$ | 21,561,465 | \$ | 1,793,349 | \$ | 6,581,704 | \$ | 8,375,053 | \$ | 6,802,759 | \$ | 17,146,455 | \$ | 23,949,214 |
| MA | \$ | 11,995,231 | \$ | 21,310,891 | \$ | 33,306,122 | \$ | 3,205,860 | \$ | 9,444,383 | \$ | 12,650,242 | \$ | 12,160,872 | \$ | 24,604,219 | \$ | 36,765,091 |
| MI | \$ | 8,799,362 | \$ | 22,552,350 | \$ | 31,351,712 | \$ | 2,351,728 | \$ | 9,994,562 | \$ | 12,346,290 | \$ | 8,920,872 | \$ | - | \$ | 8,920,872 |
| MN | \$ | 4,537,508 | \$ | 19,378,037 | \$ | 23,915,545 | \$ | 1,212,700 | \$ | 8,587,797 | \$ | 9,800,497 | \$ | 4,600,166 | \$ | 22,372,667 | \$ | 26,972,833 |
| MO | \$ | 5,477,119 | \$ | 12,327,391 | \$ | 17,804,510 | \$ | 1,463,821 | \$ | 5,463,150 | \$ | 6,926,972 | \$ | 5,552,752 | \$ | 14,232,433 | \$ | 19,785,185 |
| MT | \$ | 1,288,648 | \$ | 3,672,982 | \$ | 4,961,630 | \$ | 344,405 | \$ | 1,627,762 | \$ | 1,972,167 | \$ | 1,306,442 | \$ | - | \$ | 1,306,442 |
| NE | \$ | 1,482,239 | \$ | 3,776,404 | \$ | 5,258,642 | \$ | 396,145 | \$ | 1,673,595 | \$ | 2,069,740 | \$ | 1,502,707 | \$ | 4,359,999 | \$ | 5,862,706 |
| NV | \$ | 12,580,060 | \$ | 23,391,015 | \$ | 35,971,075 | \$ | 3,362,162 | \$ | 10,366,235 | \$ | 13,728,397 | \$ | 12,753,777 | \$ | 27,005,800 | \$ | 39,759,577 |
| NJ | \$ | 11,637,203 | \$ | 23,598,294 | \$ | 35,235,497 | \$ | 3,110,173 | \$ | 10,458,095 | \$ | 13,568,268 | \$ | 11,797,901 | \$ | 27,245,111 | \$ | 39,043,012 |
| NM | \$ | 1,686,235 | \$ | 3,721,701 | \$ | 5,407,937 | \$ | 450,665 | \$ | 1,649,353 | \$ | 2,100,018 | \$ | 1,709,520 | \$ | 4,296,843 | \$ | 6,006,364 |
| NY | \$ | 34,682,106 | \$ | 59,528,018 | \$ | 94,210,124 | \$ | 9,269,181 | \$ | 26,381,130 | \$ | 35,650,311 | \$ | 35,161,030 | \$ | 68,727,319 | \$ | 103,888,348 |
| ND | \$ | 1,051,210 | \$ | 2,736,463 | \$ | 3,787,673 | \$ | 280,948 | \$ | 1,212,723 | \$ | 1,493,670 | \$ | 1,065,726 | \$ | 3,159,349 | \$ | 4,225,075 |
| RI | \$ | 2,341,074 | \$ | 4,067,469 | \$ | 6,408,543 | \$ | 625,678 | \$ | 1,802,587 | \$ | 2,428,265 | \$ | 2,373,402 | \$ | 4,696,045 | \$ | 7,069,446 |
| SD | \$ | 1,034,849 | \$ | 2,864,172 | \$ | 3,899,021 | \$ | 276,575 | \$ | 1,269,320 | \$ | 1,545,895 | \$ | 1,049,139 | \$ | 3,306,793 | \$ | 4,355,932 |
| TN | \$ | 5,559,467 | \$ | 13,330,976 | \$ | 18,890,442 | \$ | 1,485,830 | \$ | 5,907,911 | \$ | 7,393,740 | \$ | 5,636,237 | \$ | 15,391,109 | \$ | 21,027,346 |
| TX | \$ | 23,799,743 | \$ | 59,186,367 | \$ | 82,986,110 | \$ | 6,360,747 | \$ | 26,229,720 | \$ | 32,590,468 | \$ | 24,128,392 | \$ | 68,332,870 | \$ | 92,461,262 |
| WI | \$ | 6,748,559 | \$ | 17,562,782 | \$ | 24,311,341 | \$ | 1,803,628 | \$ | 7,783,327 | \$ | 9,586,955 | \$ | 6,841,750 | \$ | 20,276,887 | \$ | 27,118,637 |
| Total | \$ | 275,710,044 | \$ | 593,575,885 | \$ | 869,285,929 | \$ | 73,686,592 | \$ | 263,056,008 | \$ | 336,742,600 | \$ | 279,517,309 | \$ | 641,864,967 | \$ | 921,382,276 |

Based on an estimate of sales to on-premise establishments hospitality establishments, wine and spirits wholesalers can expect to see a total of nearly $\$ 921.4$ million in uncollectable, or difficult to collect
receivables. ${ }^{1}$ This is equal to roughly 56.4 percent of all on-premise sales estimated to have been made during the period, and 76.4 percent of the on-premise sales in the 31 states that allow sales of alcohol to retailers on credit. All told, it is estimated that the $\$ 921.4$ million in receivables would be equal to about 11.2 percent of all sales (both on- and off-premise) made by wine and spirits wholesalers during this 3month period.

1 Assumes only 25 percent of normal sales are made in "closed" states in March and 25 percent of normal sales are made in states that "close" in April. The model also assumes that 80 percent of sales are made on credit in those states that allow for it.

