APPENDIX 1. LIST OF COMPANY

Table 3.2 Consumers Good Industries on the Indonesia Stock Exchange (IDX) Year 2016-2019

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Code | Company’s Name | No | Code | Company’s Name |
| 1. | ADES | PT Akasha Wira International Tbk | 18. | KICI | PT Kedaung Inda Can Tbk |
| 2. | AISA | PT Tiga Pilar Sejahtera Food Tbk | 19. | CINT | PT Chitose International Tbk |
| 3. | ALTO | PT Tri Bayan Tirta Tbk\* | 20.. | WIIM | PT Wismilak Inti Makmur Tbk |
| 4. | BTEK | PT Bumi Teknokultura Unggul Tbk | 21. | DVLA | PT Darya Varia Laboratia Tbk |
| 5. | BUDI | PT Budi Starch & Sweetener Tbk | 22. | INAF | PT Indofarma Tbk |
| 6. | CEKA | PT Wimar Cahaya Indonesia Tbk | 23. | KAEF | PT Kimia Farma Tbk |
| 7. | LMPI | PT Langgeng Makmur Industri Tbk | 24. | KLBF | PT Kalbe Farma Tbk |
| 8. | ICBP | PT Indofood CBP Sukses Makmur Tbk | 25. | MERK | PT Merck Tbk |
| 9. | INDF | PT Indofood Sukses Makmur Tbk | 26. | SCPI | PT Merck Sharp Dohme Pharma Tbk |
| 10. | ULTJ | PT Ultra Jaya Milk Industry & Trading Company Tbk | 27. | SIDO | PT Industri Jamu Dan Farmasi Sido Muncul Tbk |
| 11. | GGRM | PT Gudang Garam Tbk | 28. | TSPC | PT Tempro Scan Pacific Tbk |
| 12. | MYOR | PT Mayora Indah Tbk | 29. | KINO | PT Kino Indonesia Tbk |
| 13. | PSDN | PT Prasidha Aneka Niaga Tbk | 30. | MBTO | PT Martina Berto Tbk |
| 14. | ROTI | PT Nippon Indosari Corpindo Tbk | 31. | MRAT | PT Mustika Ratu Tbk |
| 15. | SKBM | PT Sekar Bumi Tbk | 32. | TCID | PT Mandom Indonesia Tbk |
| 16. | SKLT | PT Sekar Laut Tbk | 33. | UNVR | PT Unilever Indonesia Tbk\* |
| 17. | TBLA | PT Tunas Baru Lampung Tbk | \*Data Outlier |

APPENDIX 2. DATA OF PRODUCT DIVERSIFICATION ON SUB-SECTOR CONSUMERS

 GOODS INDUSTRY ON THE PERIOD 2016-2019

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Product  Segments Sale |
| S1 | S2 | S3 | S4 | S5 | S6 |
| 1. | ADES | 2016 | Rp56,423 | Rp323,434 | - | - |  |  |
| 2017 | Rp484,379 | Rp330,111 | - | - |  |  |
| 2018 | Rp495,564 | Rp308,738 | - | - |  |  |
| 2019 | Rp539,979 | Rp294,351 | - | - |  |  |
| 2. | AISA | 2016 | Rp2,497,599 | Rp4,011,176 | Rp36,906 | Rp110,565 |  |  |
| 2017 | Rp1,950,589 | Rp12,788 |  |  |  |  |
| 2018 | Rp0 |  |  |  |  |  |
| 2019 | Rp0 |  |  |  |  |  |
| 3. | ALTO | 2016 | Rp139,862,950,750 | Rp4,407,337,458 | Rp99,916,221,318 | Rp34,798,399,465 | Rp10,900,403,600 |  |
| 2017 | Rp120,077,442,751 | Rp80,548,044,107 | Rp37,642,971,614 | Rp8,189,775,567 |  |  |
| 2018 | Rp133,724,919,501 | Rp92,300,092,260 | Rp40,542,727,327 | Rp21,316,088,200 | Rp2,391,012,029 |  |
| 2019 | Rp143,499,929,414 | Rp49,412,602,283 | Rp77,064,511,636 | Rp53,700,783,445 | Rp1,743,677,067 | Rp2,857,044,864 |
| 4. | BTEK | 2016 | Rp21,298,110,000 | Rp726,790,792,523 |  |  |  |  |
| 2017 | Rp8,969,283,600 | Rp878,172,006,601 |  |  |  |  |
| 2018 | Rp4,380,000,000 | Rp885,665,953,998 |  |  |  |  |
| 2019 | Rp691,914,218,244 |  |  |  |  |  |
| 5. | BUDI | 2016 | Rp1,715,856 | Rp724,757 | Rp19,517 | Rp90,883 |  |  |
| 2017 | Rp1,961,740 | Rp641,130 | Rp29,051 | Rp86,339 |  |  |
| 2018 | Rp1,967,421 | Rp696,798 | Rp19,923 | Rp61,471 |  |  |
| 2019 | Rp2,323,172 | Rp687,811 | Rp39,039 | Rp75,663 |  |  |
| 6. | CEKA | 2016 | Rp2,289,826,173,659 | Rp1,486,175,782,154 | Rp3,730,263,348 | Rp161,583,031,083 | Rp147,116,511,533 | Rp2,710,999,936 |
| 2017 | Rp2,253,199,446,760 | Rp1,635,740,589,992 | Rp201,943,588,748 | Rp140,123,264,235 | Rp26,731,597,173 |  |
| 2018 | Rp2,001,900,490,217 | Rp1,306,703,519,790 | Rp134,227,781,170 | Rp168,333,566,419 | Rp18,162,225,976 |  |
| 2019 | Rp1,761,364,216,370 | Rp951,735,680,036 | Rp3,117,305,359 | Rp138,145,060,155 | Rp14,425,116,004 | Rp122,323,676,996 |
| 7. | ICBP | 2016 | Rp22,539,655,000,000 | Rp6,806,969,000,000 | Rp2,305,325,000,000 | Rp1,377,049,000,000 | Rp661,900,000,000 | Rp1,672,795,000,000 |
| 2017 | Rp23,107,309,000,000 | Rp7,087,581,000,000 | Rp2,565,469,000,000 | Rp1,377,301,000,000 | Rp718,580,000,000 | Rp1,715,585,000,000 |
| 2018 | Rp25,263,534,000,000 | Rp7,543,579,000,000 | Rp2,564,098,000,000 | Rp1,466,591,000,000 | Rp837,727,000,000 | Rp1,832,344,000,000 |
| 2019 | Rp27,711,993,000,000 | Rp8,048,808,000,000 | Rp2,636,775,000,000 | Rp2,355,632,000,000 | Rp980,743,000,000 | Rp1,884,228,000,000 |

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Product  Segments Sale |
| S1 | S2 | S3 | S4 | S5 | S6 |
| 8 | INDF | 2016 | Rp34,018,797,000,000 | Rp18,933,854,000,000 | Rp14,467,125,000,000 | Rp5,333,660,000,000 |  |  |
| 2017 | Rp35,542,832,000,000 | Rp19,106,007,000,000 | Rp15,668,114,000,000 | Rp5,633,559,000,000 |  |  |
| 2018 | Rp38,709,729,000,000 | Rp21,245,125,000,000 | Rp14,049,668,000,000 | Rp5,496,614,000,000 |  |  |
| 2019 | Rp42,753,427,000,000 | Rp22,839,054,000,000 | Rp13,599,994,000,000 | Rp4,140,120,000,000 |  |  |
| 9 | MYOR | 2016 | Rp9,786,908,470,760 | Rp9,180,112,542,836 |  |  |  |  |
| 2017 | Rp11,047,396,581,296 | Rp10,410,142,490,177 |  |  |  |  |
| 2018 | Rp12,466,553,561,414 | Rp12,473,140,017,688 |  |  |  |  |
| 2019 | Rp13,206,022,962,787 | Rp12,741,328,169,078 |  |  |  |  |
| 10 | PSDN | 2016 | Rp556,421,000,000 | Rp375,621,000,000 | Rp863,000,000 |  |  |  |
| 2017 | Rp967,125,000,000 | Rp431,693,000,000 | Rp762,000,000 |  |  |  |
| 2018 | Rp845,174,000,000 | Rp488,834,000,000 | Rp62,000,000 |  |  |  |
| 2019 | Rp692,922,000,000 | Rp530,047,000,000 | Rp1,314,000,000 |  |  |  |
| 11 | SKBM | 2016 | Rp1,360,466,274,322 | Rp71,996,418,179 | Rp68,653,235,945 |  |  |  |
| 2017 | Rp1,697,649,238,576 | Rp71,243,655,449 | Rp72,594,305,803 |  |  |  |
| 2018 | Rp1,796,125,520,960 | Rp75,467,043,679 | Rp82,318,392,521 |  |  |  |
| 2019 | Rp1,920,389,966,904 | Rp99,087,726,077 | Rp85,227,179,602 |  |  |  |
| 12 | SKLT | 2016 | Rp230,669,158,270 | Rp146,523,740,858 | Rp37,432,703,474 |  |  |  |
| 2017 | Rp233,161,309,532 | Rp182,537,069,834 | Rp42,691,552,569 |  |  |  |
| 2018 | Rp256,583,773,611 | Rp223,610,167,210 | Rp57,075,591,244 |  |  |  |
| 2019 | Rp292,029,122,427 | Rp274,204,840,121 | Rp80,623,179,573 |  |  |  |
| 13 | TBLA | 2016 | Rp2,452,748,000,000 | Rp8,181,515,000,000 |  |  |  |  |
| 2017 | Rp1,054,405,000,000 | Rp14,692,000,000,000 |  |  |  |  |
| 2018 | Rp862,190,000,000 | Rp13,652,999,000,000 |  |  |  |  |
| 2019 | Rp802,531,000,000 | Rp13,217,686,000,000 |  |  |  |  |
| 14 | ULTJ | 2016 | Rp4,636,859,000,000 | Rp241,656,000,000 |  |  |  |  |
| 2017 | Rp4,929,675,000,000 | Rp174,850,000,000 |  |  |  |  |
| 2018 | Rp5,575,343,000,000 | Rp154,880,000,000 |  |  |  |  |
| 2019 | Rp6,415,331,000,000 | Rp129,971,000,000 |  |  |  |  |
|  |
| No. | Company | Year | Product  Segments Sale |
| S1 | S2 | S3 | S4 | S5 | S6 |
| 15 | GGRM | 2016 | Rp75,363,103,000,000 | Rp903,697,000,000 | Rp7,347,000,000 |  |  |  |
| 2017 | Rp82,303,560,000,000 | Rp992,625,000,000 | Rp9,740,000,000 |  |  |  |
| 2018 | Rp94,542,385,000,000 | Rp1,147,627,000,000 | Rp17,651,000,000 |  |  |  |
| 2019 | Rp109,467,331,000,000 | Rp1,043,016,000,000 | Rp13,472,000,000 |  |  |  |
| 16 | WIIM | 2016 | Rp1,394,764,945,912 | Rp1,734,303,066,848 |  |  |  |  |
| 2017 | Rp1,277,790,437,897 | Rp1,477,635,993,745 |  |  |  |  |
| 2018 | Rp1,275,495,464,232 | Rp1,342,301,773,475 |  |  |  |  |
| 2019 | Rp1,252,893,119,223 | Rp13,131,403,712,172 |  |  |  |  |
| 17 | DVLA | 2016 | Rp479,513,118,000 | Rp652,628,560,000 | Rp319,215,002,000 |  |  |  |
| 2017 | Rp537,295,810,000 | Rp745,920,831,000 | Rp292,430,667,000 |  |  |  |
| 2018 | Rp580,113,030,000 | Rp705,042,415,000 | Rp414,501,851,000 |  |  |  |
| 2019 | Rp614,786,924,000 | Rp756,135,872,000 | Rp442,097,482,000 |  |  |  |
| 18 | INAF | 2016 | Rp868,570,332,913 | Rp21,532,736,249 | Rp315,879,672,713 | Rp214,667,352,141 | Rp140,821,172,355 | Rp86,231,455,956 |
| 2017 | Rp749,262,792,121 | Rp30,597,492,076 | Rp538,849,857,041 | Rp105,942,270,931 | Rp141,484,561,210 | Rp65,180,525,717 |
| 2018 | Rp1,352,829,000,000 | Rp239,490,000,000 | Rp661,000,000 |  |  |  |
| 2019 | Rp725,769,000,000 | Rp633,406,000,000 |  |  |  |  |
| 19 | KAEF | 2016 | Rp265,212,967,305 | Rp2,446,904,309,180 | Rp3,011,988,028,880 | Rp87,397,351,066 |  |  |
| 2017 | Rp323,830,510,216 | Rp2,427,105,050,690 | Rp3,273,325,876,422 | Rp103,325,876,422 |  |  |
| 2018 | Rp1,377,537,000,000 | Rp2,928,789,000,000 | Rp4,123,267,000,000 | Rp129,942,000,000 |  |  |
| 2019 | Rp1,145,730,000,000 | Rp3,038,926,000,000 | Rp5,033,837,000,000 | Rp180,102,000,000 |  |  |
| 20 | KLBF | 2016 | Rp4,468,000,000,000 | Rp3,408,000,000,000 | Rp5,611,000,000,000 | Rp5,888,000,000,000 |  |  |
| 2017 | Rp4,690,000,000,000 | Rp3,420,000,000,000 | Rp6,102,000,000,000 | Rp5,970,000,000,000 |  |  |
| 2018 | Rp4,822,000,000,000 | Rp3,569,000,000,000 | Rp6,308,000,000,000 | Rp6,375,000,000,000 |  |  |
| 2019 | Rp5,166,000,000,000 | Rp3,471,000,000,000 | Rp6,621,000,000,000 | Rp7,376,000,000,000 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Product  Segments Sale |
| S1 | S2 | S3 | S4 | S5 | S6 |
| 21 | MERK | 2016 | Rp438,397,355,000 | Rp506,504,633,000 | Rp89,904,902,000 |  |  |  |
| 2017 | Rp499,261,468,000 | Rp557,754,698,000 | Rp99,631,989,000 |  |  |  |
| 2018 | Rp521,285,625,000 | Rp540,739,000 | Rp90,131,712,000 |  |  |  |
| 2019 | Rp549,613,494,000 | Rp87,733,500,000 | Rp107,287,536,000 |  |  |  |
| 22 | SCPI | 2016 | Rp1,587,905,774,000 | Rp811,928,734,000 |  |  |  |  |
| 2017 | Rp1,961,885,650,000 | Rp95,648,491,000 | Rp30,387,230,000 | Rp96,702,164 |  |  |
| 2018 | Rp1,886,645,541,000 | Rp91,967,152,000 | Rp49,600,641,000 | Rp177,328,323,000 |  |  |
| 2019 | Rp178,622,168,000 | Rp35,828,340,000 | Rp51,139,014,000 | Rp1,574,426,566,000 |  |  |
| 23 | SIDO | 2016 | Rp1,518,871,000,000 | Rp963,202,000,000 | Rp79,733,000,000 |  |  |  |
| 2017 | Rp1,690,351,000,000 | Rp794,972,000,000 | Rp88,517,000,000 |  |  |  |
| 2018 | Rp1,843,612,000,000 | Rp819,502,000,000 | Rp100,178,000,000 |  |  |  |
| 2019 | Rp2,063,955,000,000 | Rp886,232,000,000 | Rp117,247,000,000 |  |  |  |
| 24 | TSPC | 2016 | Rp2,312,189,637,541 | Rp2,533,430,785,128 | Rp4,292,618,571,173 |  |  |  |
| 2017 | Rp2,370,492,901,561 | Rp2,782,948,609,147 | Rp4,412,020,534,491 |  |  |  |
| 2018 | Rp2,618,952,488,231 | Rp3,178,007,836,784 | Rp4,291,158,505,765 |  |  |  |
| 2019 | Rp3,061,850,867,010 | Rp3,441,178,362,748 | Rp4,490,812,827,989 |  |  |  |
| 25 | KINO | 2016 | Rp1,640,500,000,000 | Rp1,166,980,000,000 | Rp675,640,000,000 | Rp9,920,000,000 |  |  |
| 2017 | Rp1,465,080,000,000 | Rp1,224,800,000,000 | Rp467,170,000,000 | Rp3,580,000,000 |  |  |
| 2018 | Rp1,801,476,846,095 | Rp1,528,375,916,538 | Rp250,668,962,521 | Rp26,980,388,704 | Rp4,191,945,841 |  |
| 2019 | Rp2,187,652,259,015 | Rp1,781,757,096,972 | Rp424,306,238,824 | Rp283,834,755,336 | Rp21,318,288,675 |  |
| 26 | MBTO | 2016 | Rp629,036,048,607 | Rp3,617,864,088 | Rp112,108,181,554 |  |  |  |
| 2017 | Rp663,967,952,475 | Rp1,987,139,786 | Rp126,700,539,946 |  |  |  |
| 2018 | Rp414,275,186,886 | Rp2,866,038,886 | Rp122,893,305,557 |  |  |  |
| 2019 | Rp441,997,991,467 | Rp2,317,690,873 | Rp137,449,823,337 |  |  |  |
| 27 | MRAT | 2016 | Rp11,039,232,548 | Rp333,322,112,717 |  |  |  |  |
| 2017 | Rp11,649,935,890 | Rp333,028,729,355 |  |  |  |  |
| 2018 | Rp9,529,954,986 | Rp291,042,796,747 |  |  |  |  |
| 2019 | Rp12,333,223,054 | Rp292,891,354,806 |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Product  Segments Sale |
| S1 | S2 | S3 | S4 | S5 | S6 |
| 28 | TCID | 2016 | Rp1,053,479,710,690 | Rp811,193,682,536 | Rp633,261,155,342 | Rp28,841,615,600 |  |  |
| 2017 | Rp1,247,161,042,757 | Rp906,975,861,130 | Rp523,292,335,142 | Rp28,965,608,890 |  |  |
| 2018 | Rp971,261,542,097 | Rp1,125,784,431,277 | Rp486,153,341,740 | Rp65,555,029,233 |  |  |
| 2019 | Rp1,151,494,958,206 | Rp1,101,504,427,201 | Rp517,089,457,854 | Rp34,062,827,505 |  |  |
| 29 | UNVR\* | 2016 | Rp27,692,234,000,000 | Rp12,356,498,000,000 |  |  |  |  |
| 2017 | Rp28,127,035,000,000 | Rp13,077,475,000,000 |  |  |  |  |
| 2018 | Rp10,574,990,000,000 | Rp5,768,150,000,000 |  |  |  |  |
| 2019 | Rp10,555,335,000,000 | Rp6,014,459,000,000 |  |  |  |  |
| 30 | CINT | 2016 | Rp221,379,005,611 | Rp159,488,004,711 | Rp75,195,963,989 | Rp49,407,210,853 | Rp1,535,338,383 | Rp36,513,145,996 |
| 2017 | Rp204,447,419,651 | Rp239,609,164,426 | Rp96,453,493,827 | Rp46,996,412,885 | Rp1,542,410,084 | Rp11,670,332,680 |
| 2018 | Rp221,463,677,665 | Rp202,942,831,532 | Rp145,051,206,036 | Rp46,710,290,414 | Rp2,403,680,273 | Rp302,540,910 |
| 2019 | Rp207,544,406,981 | Rp186,588,818,960 | Rp168,999,500,735 | Rp76,804,088,902 | Rp5,251,309,852 | Rp19,881,696,275 |
| 31 | KICI | 2016 | Rp60,760,251,554 | Rp38,621,775,477 |  |  |  |  |
| 2017 | Rp73,005,525,889 | Rp40,409,189,160 |  |  |  |  |
| 2018 | Rp57,165,631,439 | Rp29,750,529,890 |  |  |  |  |
| 2019 | Rp60,156,299,261 | Rp30,905,015,340 |  |  |  |  |
| 32 | LMPI | 2016 | Rp201,396,394,872 | Rp143,813,635,866 | Rp53,818,999,129 | Rp12,916,368,432 |  |  |
| 2017 | Rp206,575,267,500 | Rp134,980,546,036 | Rp63,170,055,146 | Rp6,418,296,324 |  |  |
| 2018 | Rp212,456,201,851 | Rp158,882,442,020 | Rp71,627,878,272 | Rp4,633,367,322 |  |  |
| 2019 | Rp227,698,491,708 | Rp189,045,697,842 | Rp87,142,637,534 | Rp3,835,453,500 |  |  |
| 33 | ROTI | 2016 | - | - |  |  |  |  |
| 2017 | - | - |  |  |  |  |
| 2018 | - | - |  |  |  |  |
| 2019 | - | - |  |  |  |  |

APPENDIX 3. DATA OF GEOGRAPHIC DIVERSIFICATION ON SUB-SECTOR CONSUMERS

 GOODS INDUSTRY ON THE PERIOD 2016-2019

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Geographic Segments Sale |
| S0 | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 | S17 | S18 | S19 |
| 1 | ADES | 2016 | 6157 | 659644 | 50874 | 82437 | 88551 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1574 | 639660 | 35668 | 67359 | 70229 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 605 | 622501 | 47786 | 84658 | 48752 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1563 | 656658 | 33719 | 96892 | 45498 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | AISA | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | ALTO | 2016 | 0 | 1.59E+11 | 8.37E+10 | 5.34E+10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | BTEK | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BUDI | 2016 | 49126 | 1666971 | 339379 | 229016 | 161447 | 21614 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2017 | 57164 | 1888965 | 258004 | 197897 | 95574 | 12974 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 63275 | 1994667 | 300576 | 171097 | 117197 | 381 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 74686 | 2397129 | 277496 | 194040 | 59436 | 981 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Geographic Segments Sale |
| S0 | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 | S17 | S18 | S19 |
| 6 | CEKA | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | ICBP | 2016 | 3.16E+13 | 9.34E+11 | 3.71E+11 | 1.80E+11 | 1.12E+11 | 1.18E+11 | 6.55E+10 | 8.73E+10 | 6.27E+10 | 6.14E+10 | 8.26E+10 | 6.00E+10 | 7.01E+10 | 6.06E+10 | 6.08E+10 | 4.84E+11 |  |  |  |  |
| 2017 | 3.25E+13 | 9.04E+11 | 3.88E+11 | 2.11E+11 | 1.70E+11 | 1.51E+11 | 9.58E+10 | 8.01E+10 | 7.91E+10 | 7.67E+10 | 7.66E+10 | 7.60E+10 | 7.46E+10 | 5.29E+10 | 5.11E+10 | 6.17E+11 |  |  |  |  |
| 2018 | 3.46E+13 | 8.31E+11 | 5.63E+11 | 2.04E+11 | 2.62E+11 | 2.07E+11 | 1.79E+11 | 9.12E+10 | 1.17E+11 | 7.47E+10 | 9.27E+10 | 8.50E+10 | 7.28E+10 | 8.51E+10 | 7.75E+10 | 3.40E+10 | 9.14E+10 | 6.30E+10 | 7.27E+11 |  |
| 2019 | 3.77E+13 | 1.24E+12 | 4.46E+11 | 3.11E+11 | 2.69E+11 | 2.23E+11 | 2.05E+11 | 1.39E+11 | 1.32E+11 | 1.05E+11 | 9.69E+10 | 9.30E+10 | 9.29E+10 | 9.09E+10 | 7.80E+10 | 7.30E+10 | 5.56E+10 | 3.40E+10 | 8.93E+11 |  |
| 8 | INDF | 2016 | 6.15E+13 | 1.01E+12 | 6.52E+11 | 3.74E+11 | 4.85E+11 | 3.25E+11 | 1.45E+11 | 2.13E+11 | 1.80E+11 | 1.82E+11 | 2.18E+11 | 1.20E+11 | 2.06E+11 | 1.04E+12 |  |  |  |  |  |  |
| 2017 | 6.46E+13 | 1.01E+12 | 5.88E+11 | 5.47E+11 | 4.95E+11 | 2.92E+11 | 2.67E+11 | 2.40E+11 | 2.11E+11 | 2.01E+11 | 1.95E+11 | 1.80E+11 | 1.07E+11 | 1.25E+12 |  |  |  |  |  |  |
| 2018 | 6.54E+13 | 9.87E+11 | 7.60E+11 | 7.39E+11 | 7.11E+11 | 2.60E+11 | 2.86E+11 | 1.40E+11 | 2.04E+11 | 3.91E+11 | 2.68E+11 | 3.00E+11 | 1.92E+11 | 1.85E+11 | 1.62E+11 | 9.12E+10 | 1.17E+11 | 1.10E+11 | 7.47E+10 | 1.97E+12 |
| 2019 | 6.81E+13 | 1.24E+12 | 7.80E+11 | 7.35E+11 | 5.86E+11 | 3.48E+11 | 3.35E+11 | 3.27E+11 | 3.11E+11 | 2.73E+11 | 2.70E+11 | 2.40E+11 | 2.21E+11 | 1.82E+11 | 1.82E+11 | 1.39E+11 | 1.32E+11 | 1.10E+11 | 1.06E+11 | 1.92E+12 |
| 9 | MYOR | 2016 | 1.01E+13 | 8.04E+12 | 2.23E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.13E+13 | 9.22E+12 | 3.34E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.30E+13 | 1.07E+13 | 4.35E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.35E+13 | 1.11E+13 | 4.26E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | PSDN | 2016 | 3.91E+11 | 5.42E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 3.64E+11 | 1.04E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 3.36E+11 | 9.98E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 2.03E+11 | 1.02E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Geographic Segments Sale |
| S0 | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 | S17 | S18 | S19 |
| 11 | SKBM | 2016 | 1.36E+12 | 1.39E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.70E+12 | 1.39E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.79E+12 | 1.63E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.92E+12 | 1.85E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | SKLT | 2016 | 5.23E+11 | 2.35E+11 | 5.50E+10 | 3.80E+10 | 3.03E+10 | 4.55E+10 | 2.82E+10 | 5.04E+09 | 1.95E+09 |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 5.53E+11 | 2.76E+11 | 6.40E+10 | 4.41E+10 | 3.37E+10 | 4.96E+10 | 3.86E+10 | 8.01E+09 | 6.27E+09 |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 5.91E+11 | 3.36E+11 | 7.27E+10 | 5.61E+10 | 4.60E+10 | 2.88E+10 | 2.92E+10 | 8.78E+09 | 1.99E+10 |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 7.21E+11 | 4.28E+11 | 8.40E+10 | 7.04E+10 | 5.55E+10 | 4.32E+10 | 3.63E+10 | 1.72E+10 | 1.38E+10 |  |  |  |  |  |  |  |  |  |  |  |
| 13 | TBLA | 2016 | 6.05E+12 | 4.27E+11 | 4.11E+10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 8.48E+12 | 4.28E+11 | 6.20E+10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 2.56E+10 | 7.24E+12 | 1.29E+12 | 5.61E+10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 2.48E+10 | 7.43E+12 | 1.05E+12 | 1.97E+10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | ULTJ | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | GGRM | 2016 | 7.33E+13 | 2.94E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 8.06E+13 | 2.73E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 9.31E+13 | 2.63E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.09E+14 | 1.79E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| No | Company | Year | Geographic Segments Sale |
| S0 | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 |
| 16 | WIIM | 2016 | 1.68E+12 | 4.52E+09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.47E+12 | 4.68E+09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.22E+12 | 1.85E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.21E+12 | 1.87E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | DVLA | 2016 | 1.17E+12 | 2.84E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.33E+12 | 2.55E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.32E+12 | 3.78E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.40E+12 | 4.11E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 | INAF | 2016 | 1.17E+12 | 2.78E+11 | 8.17E+10 | 8.13E+10 | 6.22E+10 |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.18E+12 | 2.55E+11 | 4.95E+10 | 7.44E+10 | 6.87E+10 |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.32E+12 | 6.25E+10 | 1.70E+10 | 2.66E+10 | 1.69E+10 |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.25E+12 | 6.56E+10 | 1.49E+10 | 2.18E+10 | 2.69E+10 |  |  |  |  |  |  |  |  |  |  |  |
| 19 | KAEF | 2016 | 5.62E+12 | 9.60E+10 | 2.92E+10 | 1.30E+10 | 1.68E+10 | 9.81E+09 | 3.19E+09 | 5.10E+08 | 1.62E+10 | 5.32E+09 |  |  |  |  |  |  |
| 2017 | 5.93E+12 | 7.67E+10 | 5.76E+10 | 1.84E+10 | 1.80E+10 | 9.62E+09 | 5.61E+09 | 3.96E+09 | 3.32E+09 | 1.16E+09 | 1.11E+09 | 2.10E+09 |  |  |  |  |
| 2018 | 7.18E+12 | 1.08E+11 | 6.64E+10 | 2.81E+10 | 2.48E+10 | 1.48E+10 | 1.21E+10 | 1.07E+10 | 4.46E+09 | 3.34E+09 | 2.09E+09 | 1.10E+09 | 1.06E+09 | 554727040 | 2.22E+08 | 458022320 |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 | KLBF | 2016 | 1.84E+13 | 9.98E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.91E+13 | 1.08E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.99E+10 | 1.20E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 2.14E+13 | 1.19E+12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Geographic Segments Sale |
| S0 | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 | S14 | S15 | S16 | S17 | S18 | S19 |
| 21 | MERK | 2016 | 9.57E+11 | 7.79E+10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.05E+12 | 1.04E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.06E+12 | 8.55E+10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 6.23E+11 | 1.21E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | SCPI | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | SIDO | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | TSPC | 2016 | 8.76E+12 | 3.82E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 9.14E+12 | 4.21E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 9.62E+12 | 4.72E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.05E+13 | 4.63E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 | KINO | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 3.41E+12 | 2.04E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 4.17E+12 | 5.05E+11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 | MBTO | 2016 | 7.39E+11 | 5.62E+09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 7.87E+11 | 5.25E+09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 5.34E+11 | 6.46E+09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 5.74E+11 | 7.91E+09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Company | Year | Geographic Segments Sale |
| S0 | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | S13 |
| 27 | MRAT | 2016 | 1.19E+10 | 3.33E+11 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 1.21E+10 | 3.33E+11 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.02E+10 | 2.90E+11 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.33E+10 | 2.92E+11 |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 | TCID | 2016 | 1.87E+12 | 2.53E+11 | 1.01E+11 | 3.03E+11 |  |  |  |  |  |  |  |  |  |  |
| 2017 | 2.06E+12 | 1.89E+11 | 1.08E+11 | 3.52E+11 |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1.96E+12 | 1.59E+11 | 1.85E+11 | 3.44E+11 |  |  |  |  |  |  |  |  |  |  |
| 2019 | 2.05E+12 | 1.96E+11 | 1.68E+11 | 3.93E+11 |  |  |  |  |  |  |  |  |  |  |
| 29 | UNVR\* | 2016 | 1.81E+10 | 357084200 | 2259908 | 429397617 | 314176000 | 136833356 | 5.65E+10 | 59523100 | 4.42E+10 | 4.05E+10 | 3.59E+10 | 3.50E+10 | 1.37E+10 | 2.25E+10 |
| 2017 | 1.65E+10 | 619900880 | 175454468 | 112344235 | 79388100 | 1.23E+11 | 5.78E+10 | 4.66E+10 | 4.24E+10 | 2.02E+10 | 3.43E+10 | 1.00E+10 | 2.20E+10 |  |
| 2018 | 1.25E+11 | 4.03E+10 | 5.90E+10 | 4.52E+10 | 1.36E+10 | 3.77E+10 | 1.33E+10 | 1.87E+10 | 1.77E+10 | 25566233 | 17777925 | 2.20E+08 |  |  |
| 2019 | 1.31E+11 | 6.82E+10 | 5.45E+10 | 4.54E+10 | 2.35E+10 | 3.60E+10 | 1.11E+10 | 2.13E+10 | 2.08E+10 | 97018370 | 21472020 | 4.50E+07 |  |  |
| 30 | CINT | 2016 | 8.14E+10 | 1.67E+10 | 1.29E+09 | 823750 |  |  |  |  |  |  |  |  |  |  |
| 2017 | 8.58E+10 | 2.59E+10 | 1.59E+09 | 98933243 |  |  |  |  |  |  |  |  |  |  |
| 2018 | 7.02E+10 | 1.47E+10 | 2.07E+09 |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 8.11E+10 | 8.37E+09 | 1.39E+09 | 206033710 |  |  |  |  |  |  |  |  |  |  |
| 31 | KICI | 2016 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2017 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2018 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32 | LMPI | 2016 | 4.05E+11 | 4.33E+09 | 1.10E+09 | 513547816 |  |  |  |  |  |  |  |  |  |  |
| 2017 | 4.05E+11 | 4.60E+09 | 1.40E+09 | 709473836 |  |  |  |  |  |  |  |  |  |  |
| 2018 | 4.53E+11 | 985782813 | 1.10E+09 |  |  |  |  |  |  |  |  |  |  |  |
| 2019 | 5.16E+11 | 1.13E+09 | 65179617 |  |  |  |  |  |  |  |  |  |  |  |
| 33 | ROTI | 2016 | 6.07E+09 | 2.39E+11 | 2.19E+12 | 9.07E+10 |  |  |  |  |  |  |  |  |  |  |
| 2017 | 4.46E+10 | 2.69E+11 | 2.09E+12 | 8.65E+10 |  |  |  |  |  |  |  |  |  |  |
| 2018 | 1E+11 | 3.01E+11 | 1.7E+12 | 6.68E+11 |  |  |  |  |  |  |  |  |  |  |
| 2019 | 1.16E+11 | 4E+11 | 1.95E+12 | 8.75E+11 |  |  |  |  |  |  |  |  |  |  |

APPENDIX 4. DATA OF MANAGERIAL OWNERSHIP ON SUB-SECTOR CONSUMERS

 GOODS INDUSTRY ON THE PERIOD 2016-2019

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | MO | No. | Company | Year | MO | No. | Company | Year | MO |
|
| 1 | ADES | 2016 | 0 | 8 | INDF | 2016 | 0 | 15 | ULTJ | 2016 | 0.1149 |
| 2017 | 0 | 2017 | 0 | 2017 | 0.3385 |
| 2018 | 0 | 2018 | 0 | 2018 | 0.3451 |
| 2019 | 0.0543 | 2019 | 0 | 2019 | 0.3602 |
| 2 | AISA | 2016 | 0 | 9 | MYOR | 2016 | 0.2522 | 16 | GGRM | 2016 | 0.1009 |
| 2017 | 0 | 2017 | 0.2522 | 2017 | 0.1009 |
| 2018 | 0 | 2018 | 0.2522 | 2018 | 0.0467 |
| 2019 | 0 | 2019 | 0.2522 | 2019 | 0.0467 |
| 3 | ALTO | 2016 | 0 | 10 | PSDN | 2016 | 0.0916 | 17 | WIIM | 2016 | 0.0568 |
| 2017 | 0 | 2017 | 0.0916 | 2017 | 0.3802 |
| 2018 | 0.0223 | 2018 | 0.0916 | 2018 | 0.0638 |
| 2019 | 0.0223 | 2019 | 0.0916 | 2019 | 0 |
| 4 | BTEK | 2016 | 0 | 11 | ROTI | 2016 | 0 | 18 | DVLA | 2016 | 0.0568 |
| 2017 | 0 | 2017 | 0 | 2017 | 0 |
| 2018 | 0 | 2018 | 0 | 2018 | 0.0638 |
| 2019 | 0 | 2019 | 0 | 2019 | 0 |
| 5 | BUDI | 2016 | 0 | 12 | SKBM | 2016 | 0.0357 | 19 | INAF | 2016 | 0 |
| 2017 | 0 | 2017 | 0.0221 | 2017 | 0 |
| 2018 | 0 | 2018 | 0.0222 | 2018 | 0 |
| 2019 | 0 | 2019 | 0.0222 | 2019 | 0.001 |
| 6 | CEKA | 2016 | 0.0075 | 13 | SKLT | 2016 | 0.0028 | 20 | KAEF | 2016 | 0.0013 |
| 2017 | 0.0075 | 2017 | 0.0067 | 2017 | 0.0001 |
| 2018 | 0.0075 | 2018 | 0.0082 | 2018 | 0.0011 |
| 2019 | 0 | 2019 | 0.0086 | 2019 | 0 |
| 7 | ICBP | 2016 | 0 | 14 | TBLA | 2016 | 0.0009 | 21 | KLBF | 2016 | 0.0001 |
| 2017 | 0 | 2017 | 0.0009 | 2017 | 0 |
| 2018 | 0 | 2018 | 0.0009 | 2018 | 0.0029 |
| 2019 | 0 | 2019 | 0.0009 | 2019 | 0 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | MO | No. | Company | Year | MO | No. | Company | Year | MO |
|
| 22 | MERK | 2016 | 0 | 26 | KINO | 2016 | 0.1057 | 30 | CINT | 2016 | 0.003 |
| 2017 | 0 | 2017 | 0.1057 | 2017 | 0.0027 |
| 2018 | 0 | 2018 | 0.1057 | 2018 | 0.00271 |
| 2019 | 0 | 2019 | 0.0998 | 2019 | 0.00271 |
| 23 | SCPI | 2016 | 0 | 27 | MBTO | 2016 | 0.0008 | 31 | KICI | 2016 | 0 |
| 2017 | 0 | 2017 | 0.0008 | 2017 | 0 |
| 2018 | 0 | 2018 | 0.0008 | 2018 | 0 |
| 2019 | 0 | 2019 | 0.0008 | 2019 | 0 |
| 24 | SIDO | 2016 | 0.81 | 28 | MRAT | 2016 | 0 | 32 | LMPI | 2016 | 0.0002 |
| 2017 | 0.81 | 2017 | 0 | 2017 | 0.6828 |
| 2018 | 0.81 | 2018 | 0 | 2018 | 0.6828 |
| 2019 | 0.81 | 2019 | 0 | 2019 | 0.6828 |
| 25 | TSPC | 2016 | 0 | 29 | TCID | 2016 | 0.0029 | 33 | ROTI | 2016 | 0 |
| 2017 | 0 | 2017 | 0.0014 | 2017 | 0 |
| 2018 | 0 | 2018 | 0.0013 | 2018 | 0 |
| 2019 | 0 | 2019 | 0.0023 | 2019 | 0 |

APPENDIX 5. DATA OF COMPANY LEVERAGE ON SUB-SECTOR CONSUMERS

 GOODS INDUSTRY ON THE PERIOD 2016-2019

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Debt | Total Equity | LEV | No. | Company | Year | Total Debt | Total Equity | LEV |
|
| 1 | ADES | 2016 | 3.8309E+11 | 3.8439E+11 | 1.00 | 7 | ICBP | 2016 | 1.0401E+13 | 2.8902E+13 | 0.36 |
| 2017 | 4.1723E+11 | 4.2301E+11 | 0.99 | 2017 | 1.1296E+13 | 3.162E+13 | 0.36 |
| 2018 | 3.9936E+11 | 4.8191E+11 | 0.83 | 2018 | 1.166E+13 | 3.4367E+13 | 0.34 |
| 2019 | 2.5444E+11 | 5.6794E+11 | 0.45 | 2019 | 1.2038E+13 | 3.8709E+13 | 0.31 |
| 2 | AISA | 2016 | 2.3718E+12 | 2.1849E+12 | 1.09 | 8 | INDF | 2016 | 3.8233E+13 | 4.3941E+13 | 0.87 |
| 2017 | 2.8776E+12 | -1.1842E+12 | -2.43 | 2017 | 4.1298E+13 | 4.7103E+13 | 0.88 |
| 2018 | 2.8586E+12 | -1.2159E+12 | -2.35 | 2018 | 4.6621E+13 | 4.9917E+13 | 0.93 |
| 2019 | 1.9147E+12 | -2.9059E+11 | -6.59 | 2019 | 4.1996E+13 | 5.4203E+13 | 0.77 |
| 3 | ALTO | 2016 | 6.8425E+11 | 4.8084E+11 | 1.42 | 9 | MYOR | 2016 | 6.6572E+12 | 6.2653E+12 | 1.06 |
| 2017 | 6.901E+11 | 4.1928E+11 | 1.65 | 2017 | 7.5615E+12 | 7.3543E+12 | 1.03 |
| 2018 | 7.2272E+11 | 3.8713E+11 | 1.87 | 2018 | 9.0492E+12 | 8.5425E+12 | 1.06 |
| 2019 | 7.2272E+11 | 3.8073E+11 | 1.90 | 2019 | 9.138E+12 | 9.8999E+12 | 0.92 |
| 4 | BTEK | 2016 | 2.1475E+12 | 1.417E+12 | 1.52 | 10 | PSDN | 2016 | 5.1189E+10 | 1.8798E+11 | 0.27 |
| 2017 | 2.1305E+12 | 1.9876E+12 | 1.07 | 2017 | 7.0983E+10 | 2.0081E+11 | 0.35 |
| 2018 | 2.9047E+12 | 2.2605E+12 | 1.28 | 2018 | 9.5705E+10 | 2.1048E+11 | 0.45 |
| 2019 | 2.8326E+12 | 2.1426E+12 | 1.32 | 2019 | 2.7127E+11 | 1.5875E+11 | 1.71 |
| 5 | BUDI | 2016 | 1.1548E+12 | 1.165E+12 | 0.99 | 11 | ROTI | 2016 | 1.4769E+12 | 1.4428E+12 | 1.02 |
| 2017 | 1.2512E+12 | 1.1947E+12 | 1.05 | 2017 | 1.7395E+12 | 2.8201E+12 | 0.62 |
| 2018 | 1.3946E+12 | 1.2265E+12 | 1.14 | 2018 | 1.477E+12 | 2.917E+12 | 0.51 |
| 2019 | 1.2301E+12 | 1.2853E+12 | 0.96 | 2019 | 1.589E+12 | 3.093E+12 | 0.51 |
| 6 | CEKA | 2016 | 5.3804E+11 | 8.8792E+11 | 0.61 | 12 | SKBM | 2016 | 6.3327E+11 | 3.6839E+11 | 1.72 |
| 2017 | 4.895E+11 | 9.0304E+11 | 0.54 | 2017 | 5.9979E+11 | 1.0232E+12 | 0.59 |
| 2018 | 1.9231E+11 | 9.7665E+11 | 0.20 | 2018 | 7.3079E+11 | 1.0406E+12 | 0.70 |
| 2019 | 2.6178E+11 | 1.1313E+12 | 0.23 | 2019 | 7.8456E+11 | 1.0358E+12 | 0.76 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Debt | Total Equity | LEV | No. | Company | Year | Total Debt | Total Equity | LEV |
|
| 13 | SKLT | 2016 | 2.72E+11 | 2.96E+11 | 0.92 | 18 | DVLA | 2016 | 4.5179E+11 | 1.0796E+12 | 0.42 |
| 2017 | 3.29E+11 | 3.08E+11 | 1.07 | 2017 | 5.2459E+11 | 1.1163E+12 | 0.47 |
| 2018 | 4.08E+11 | 3.39E+11 | 1.20 | 2018 | 4.8256E+11 | 1.2003E+12 | 0.40 |
| 2019 | 4.1E+11 | 3.8E+11 | 1.08 | 2019 | 5.2388E+11 | 1.3061E+12 | 0.40 |
| 14 | TBLA | 2016 | 9.1762E+12 | 3.4206E+12 | 2.68 | 19 | INAF | 2016 | 8.9588E+11 | 5.7576E+11 | 1.56 |
| 2017 | 1.0025E+13 | 3.9999E+12 | 2.51 | 2017 | 1.0035E+12 | 5.2641E+11 | 1.91 |
| 2018 | 1.1556E+13 | 4.7836E+12 | 2.42 | 2018 | 9.457E+11 | 4.9665E+11 | 1.90 |
| 2019 | 1.2E+13 | 5.3629E+12 | 2.24 | 2019 | 8.79E+11 | 5.0494E+11 | 1.74 |
| 15 | ULTJ | 2016 | 7.4997E+11 | 3.4892E+12 | 0.21 | 20 | KAEF | 2016 | 2.3412E+12 | 2.2714E+12 | 1.03 |
| 2017 | 9.7819E+11 | 4.2088E+12 | 0.23 | 2017 | 3.5236E+12 | 2.5725E+12 | 1.37 |
| 2018 | 7.8092E+11 | 4.775E+12 | 0.16 | 2018 | 7.1828E+12 | 4.1463E+12 | 1.73 |
| 2019 | 9.5328E+11 | 5.6551E+12 | 0.17 | 2019 | 1.094E+13 | 7.4129E+12 | 1.48 |
| 16 | GGRM | 2016 | 2.3387E+13 | 3.9564E+13 | 0.59 | 21 | KLBF | 2016 | 2.7622E+12 | 1.2464E+13 | 0.22 |
| 2017 | 2.4572E+13 | 4.2188E+13 | 0.58 | 2017 | 2.7222E+12 | 1.3894E+13 | 0.20 |
| 2018 | 2.3964E+13 | 4.5133E+13 | 0.53 | 2018 | 2.8516E+12 | 1.5295E+13 | 0.19 |
| 2019 | 2.7717E+13 | 5.0931E+13 | 0.54 | 2019 | 3.5591E+12 | 1.6706E+13 | 0.21 |
| 17 | WIIM | 2016 | 3.6254E+11 | 9.9109E+11 | 0.37 | 22 | MERK | 2016 | 1.6126E+11 | 5.8267E+11 | 0.28 |
| 2017 | 2.4762E+11 | 9.7809E+11 | 0.25 | 2017 | 2.3157E+11 | 6.1544E+11 | 0.38 |
| 2018 | 2.5034E+11 | 1.0052E+12 | 0.25 | 2018 | 7.4483E+11 | 5.1828E+11 | 1.44 |
| 2019 | 2.6635E+11 | 1.0332E+12 | 0.26 | 2019 | 3.0705E+11 | 5.9401E+11 | 0.52 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Debt | Total Equity | LEV | No. | Company | Year | Total Debt | Total Equity | LEV |
|
| 23 | SCPI | 2016 | 1,16E+15 | 2,34E+14 | 4.95 | 26 | TCID | 2016 | 4,02E+15 | 1,78E+16 | 0.23 |
| 2017 | 9.97E+11 | 3.57E+11 | 2.79 | 2017 | 5,03E+15 | 1,86E+16 | 0.27 |
| 2018 | 1,13E+15 | 5.02E+11 | 2.26 | 2018 | 4,73E+15 | 1,97E+16 | 0.24 |
| 2019 | 8,01E+14 | 1,13E+16 | 0.71 | 2019 | 5,32E+15 | 2,02E+16 | 0.26 |
| 24 | SIDO | 2016 | 2,30E+15 | 2,76E+16 | 0.08 | 27 | CINT | 2016 | 7,29E+14 | 3,26E+15 | 0.22 |
| 2017 | 4,71E+15 | 2,90E+16 | 0.16 | 2017 | 9,43E+14 | 3,82E+15 | 0.25 |
| 2018 | 4,35E+15 | 2,90E+16 | 0.15 | 2018 | 1,03E+14 | 3,89E+15 | 0.26 |
| 2019 | 4,72E+15 | 3,06E+16 | 0.15 | 2019 | 1,32E+15 | 3,90E+15 | 0.34 |
| 25 | TSPC | 2016 | 1,95E+16 | 4,64E+16 | 0.42 | 28 | KICI | 2016 | 5.08E+10 | 8,90E+13 | 0.57 |
| 2017 | 2,35E+16 | 5,08E+15 | 0.46 | 2017 | 5,79E+13 | 9.15E+10 | 0.63 |
| 2018 | 2,44E+16 | 5,43E+16 | 0.45 | 2018 | 5,94E+13 | 9,47E+13 | 0.63 |
| 2019 | 2,58E+16 | 5,79E+15 | 0.45 | 2019 | 6,55E+13 | 8,74E+13 | 0.75 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Debt | Total Equity | LEV | No. | Company | Year | Total Debt | Total Equity | LEV |
|
| 29 | KINO | 2016 | 1,33E+16 | 1,95E+16 | 0.68 | 31 | LMPI | 2016 | 4,02E+15 | 4,08E+15 | 0.99 |
| 2017 | 1,18E+16 | 2,06E+16 | 0.58 | 2017 | 4,58E+15 | 3,76E+15 | 1.22 |
| 2018 | 1,41E+16 | 2,19E+16 | 0.64 | 2018 | 4,56E+15 | 3,30E+15 | 1.38 |
| 2019 | 1,99E+16 | 2,70E+16 | 0.74 | 2019 | 4,48E+15 | 2,89E+15 | 1.55 |
| 30 | MBTO | 2016 | 2,69E+15 | 4,41E+15 | 0.61 | 32 | MRAT | 2016 | 1,14E+15 | 3,69E+15 | 0.31 |
| 2017 | 3,68E+15 | 4,13E+15 | 0.89 | 2017 | 1,31E+15 | 3,67E+15 | 0.36 |
| 2018 | 3,48E+15 | 3,01E+14 | 1.16 | 2018 | 1,44E+15 | 3,68E+15 | 0.39 |
| 2019 | 3,56E+15 | 2,35E+15 | 1.51 | 2019 | 1,64E+15 | 3,69E+15 | 0.45 |
| 33 | UNVR\* | 2016 | 1,20E+17 | 4,70E+15 | 2.56 | 33 | UNVR\* | 2018 | 1,29E+17 | 7,38E+15 | 1.75 |
| 2017 | 1,37E+17 | 5,17E+15 | 2.65 | 2019 | 1,54E+17 | 5,28E+15 | 2.91 |

 APPENDIX 6. DATA OF COMPANY SIZE ON SUB-SECTOR CONSUMERS

 GOODS INDUSTRY ON THE PERIOD 2016-2019

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Asset | SIZE | No. | Company | Year | Total Asset | SIZE |
| Ln | Ln |
| 1 | ADES | 2016 | Rp767,479,000,000 | 27.37 | 6 | ICBP | 2016 | Rp 28,901,948,000,000 | 30.99 |
| 2017 | Rp840,236,000,000 | 27.46 | 2017 | Rp 31,619,514,000,000 | 31.08 |
| 2018 | Rp881,274,000,000 | 27.50 | 2018 | Rp 34,367,153,000,000 | 31.17 |
| 2019 | Rp822,375,000,000 | 27.44 | 2019 | Rp 38,709,314,000,000 | 31.29 |
| 2 | AISA | 2016 | Rp9,254,539,000,000 | 29.86 | 7 | INDF | 2016 | Rp 82,174,500,000,000 | 32.04 |
| 2017 | Rp1,981,940,000,000 | 28.32 | 2017 | Rp 88,400,900,000,000 | 32.11 |
| 2018 | Rp1,816,406,000,000 | 28.23 | 2018 | Rp 96,537,800,000,000 | 32.20 |
| 2019 | Rp1,868,966,000,000 | 28.26 | 2019 | Rp 96,198,600,000,000 | 32.20 |
| 3 | ALTO | 2016 | Rp1,165,090,000 | 20.88 | 8 | MYOR | 2016 | Rp 12,922,422,000,000 | 30.19 |
| 2017 | Rp1,109,380,000 | 20.83 | 2017 | Rp 14,915,850,000,000 | 30.33 |
| 2018 | Rp1,109,840,000 | 20.83 | 2018 | Rp 17,591,706,000,000 | 30.50 |
| 2019 | Rp1,103,450,000 | 20.82 | 2019 | Rp 19,037,919,000,000 | 30.58 |
| 4 | BTEK | 2016 | Rp4,879,715,095,300 | 29.22 | 9 | PSDN | 2016 | Rp 653,797,000,000 | 27.21 |
| 2017 | Rp5,306,055,112,389 | 29.30 | 2017 | Rp 691,014,000,000 | 27.26 |
| 2018 | Rp5,165,236,468,705 | 29.27 | 2018 | Rp 697,658,000,000 | 27.27 |
| 2019 | Rp4,975,248,130,342 | 29.24 | 2019 | Rp 763,492,000,000 | 27.36 |
| 5 | BUDI | 2016 | Rp2,931,800,000 | 21.80 | 10 | ROTI | 2016 | Rp 2,919,641,000,000 | 28.70 |
| 2017 | Rp2,939,500,000 | 21.80 | 2017 | Rp 4,560,000,000,000 | 29.15 |
| 2018 | Rp3,393,000,000 | 21.94 | 2018 | Rp 4,394,000,000,000 | 29.11 |
| 2019 | Rp2,999,800,000 | 21.82 | 2019 | Rp 4,682,000,000,000 | 29.17 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Asset | SIZE | No. | Company | Year | Total Asset | SIZE |
| Ln | Ln |
| 11 | CEKA | 2016 | Rp1,425,964,000,000 | 27.99 | 16 | SKBM | 2016 | Rp 1,001,660,000,000 | 27.63 |
| 2017 | Rp1,392,636,000,000 | 27.96 | 2017 | Rp 1,623,030,000,000 | 28.12 |
| 2018 | Rp1,168,956,000,000 | 27.79 | 2018 | Rp 1,771,370,000,000 | 28.20 |
| 2019 | Rp1,393,079,000,000 | 27.96 | 2019 | Rp 1,820,380,000,000 | 28.23 |
| 12 | SKLT | 2016 | Rp568,000,000,000 | 27.07 | 17 | INAF | 2016 | Rp 1,381,633,000,000 | 27.95 |
| 2017 | Rp636,000,000,000 | 27.18 | 2017 | Rp 1,529,875,000,000 | 28.06 |
| 2018 | Rp747,000,000,000 | 27.34 | 2018 | Rp 1,442,351,000,000 | 28.00 |
| 2019 | Rp791,000,000,000 | 27.40 | 2019 | Rp 1,383,935,000,000 | 27.96 |
| 13 | TBLA | 2016 | Rp12,596,824,000,000 | 30.16 | 18 | KAEF | 2016 | Rp 4,612,562,000,000 | 29.16 |
| 2017 | Rp14,024,486,000,000 | 30.27 | 2017 | Rp 7,272,084,000,000 | 29.62 |
| 2018 | Rp16,339,916,000,000 | 30.42 | 2018 | Rp 11,329,091,000,000 | 30.06 |
| 2019 | Rp17,363,003,000,000 | 30.49 | 2019 | Rp 18,352,877,000,000 | 30.54 |
| 14 | ULTJ | 2016 | Rp4,239,200,000,000 | 29.08 | 19 | KLBF | 2016 | Rp 15,226,009,000,000 | 30.35 |
| 2017 | Rp5,186,940,000,000 | 29.28 | 2017 | Rp 16,616,239,000,000 | 30.44 |
| 2018 | Rp5,555,871,000,000 | 29.35 | 2018 | Rp 18,146,206,000,000 | 30.53 |
| 2019 | Rp6,608,422,000,000 | 29.52 | 2019 | Rp 20,264,727,000,000 | 30.64 |
| 15 | GGRM | 2016 | Rp62,951,634,000,000 | 31.77 | 20 | MERK | 2016 | Rp 743,935,000,000 | 27.34 |
| 2017 | Rp66,759,930,000,000 | 31.83 | 2017 | Rp 847,006,000,000 | 27.46 |
| 2018 | Rp69,097,219,000,000 | 31.87 | 2018 | Rp 1,263,113,000,000 | 27.86 |
| 2019 | Rp78,647,274,000,000 | 32.00 | 2019 | Rp 901,061,000,000 | 27.53 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Asset | SIZE | No. | Company | Year | Total Asset | SIZE |
| Ln | Ln |
| 21 | WIIM | 2016 | Rp1,353,634,000,000 | 27.93 | 25 | SCPI | 2016 | Rp 1,393,000,000,000 | 27.96 |
| 2017 | Rp1,255,712,000,000 | 27.86 | 2017 | Rp 1,354,000,000,000 | 27.93 |
| 2018 | Rp1,255,574,000,000 | 27.86 | 2018 | Rp 1,635,000,000,000 | 28.12 |
| 2019 | Rp1,299,522,000,000 | 27.89 | 2019 | Rp 1,417,704,185,000 | 27.98 |
| 22 | DVLA | 2016 | Rp1,531,365,558,000 | 28.06 | 26 | SIDO | 2016 | Rp 2,987,614,000,000 | 28.73 |
| 2017 | Rp1,640,886,147,000,000 | 35.03 | 2017 | Rp 3,158,198,000,000 | 28.78 |
| 2018 | Rp1,682,821,739,000 | 28.15 | 2018 | Rp 3,337,628,000,000 | 28.84 |
| 2019 | Rp1,829,960,714,000 | 28.24 | 2019 | Rp 3,536,898,000,000 | 28.89 |
| 23 | TSPC | 2016 | Rp 6,585,807,000,000 | 29.52 | 27 | UNVR\* | 2016 | Rp 16,746,000,000,000 | 30.45 |
| 2017 | Rp 7,434,900,000,000 | 29.64 | 2017 | Rp 18,906,000,000,000 | 30.57 |
| 2018 | Rp 7,869,975,000,000 | 29.69 | 2018 | Rp 20,327,000,000,000 | 30.64 |
| 2019 | Rp 8,372,770,000,000 | 29.76 | 2019 | Rp 20,649,000,000,000 | 30.66 |
| 24 | KINO | 2016 | Rp 3,284,504,000,000 | 28.82 | 28 | CINT | 2016 | Rp 399,336,626,636 | 26.71 |
| 2017 | Rp 3,237,595,000,000 | 28.81 | 2017 | Rp 476,577,841,605 | 26.89 |
| 2018 | Rp 3,592,164,000,000 | 28.91 | 2018 | Rp 491,382,000,000 | 26.92 |
| 2019 | Rp 4,695,765,000,000 | 29.18 | 2019 | Rp 5,521,494,000,000 | 29.34 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Company | Year | Total Asset | SIZE | No. | Company | Year | Total Asset | SIZE |
| Ln | Ln |
| 29 | MBTO | 2016 | Rp 709,959,000,000 | 27.29 | 31 | KICI | 2016 | Rp 139,810,000,000 | 25.66 |
| 2017 | Rp 780,670,000,000 | 27.38 | 2017 | Rp 149,420,000,000 | 25.73 |
| 2018 | Rp 648,017,000,000 | 27.20 | 2018 | Rp 154,090,000,000 | 25.76 |
| 2019 | Rp 591,064,000,000 | 27.11 | 2019 | Rp 15,282,000,000 | 23.45 |
| 30 | MRAT | 2016 | Rp 483,037,000,000 | 26.90 | 32 | LMPI | 2016 | Rp 810,364,824,722 | 27.42 |
| 2017 | Rp 497,354,000,000 | 26.93 | 2017 | Rp 834,548,374,286 | 27.45 |
| 2018 | Rp 511,888,000,000 | 26.96 | 2018 | Rp 786,704,752,983 | 27.39 |
| 2019 | Rp 532,763,000,000 | 27.00 | 2019 | Rp 737,642,257,697 | 27.33 |
| 33 | TCID | 2016 | Rp 2,185,101,000,000 | 28.41 | 33 | TCID | 2018 | Rp 2,445,144,000,000 | 28.53 |
| 2017 | Rp 2,361,807,000,000 | 28.49 | 2019 | Rp 2,551,193,000,000 | 28.57 |