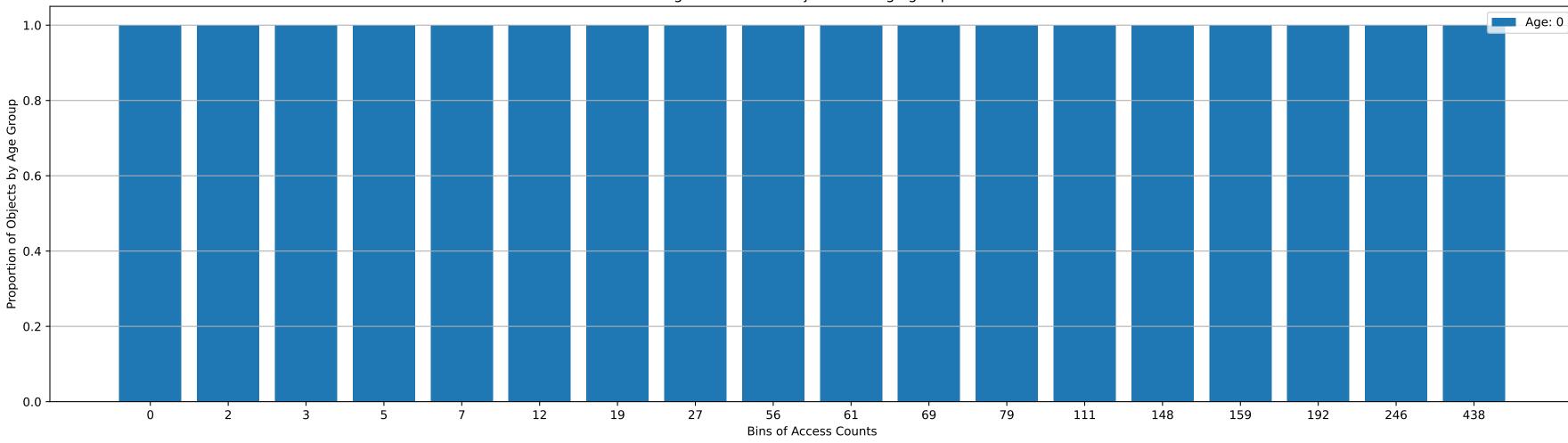


```
Total stats for each bin #0:
Number of non-array objects: ~9 K, Total: ~22.26 K
Size of non-array objects: ~0.53 Mb, Total: ~1.51 Mb
0. Bin (-1, 2]: 3K objects, 164 Kb
1. Bin (2, 3]: 1K objects, 41 Kb
2. Bin (3, 5]: 1K objects, 61 Kb
3. Bin (5, 7]: 0K objects, 26 Kb
4. Bin (7, 12]: 1K objects, 58 Kb
5. Bin (12, 19]: 1K objects, 50 Kb
```

6. Bin (19, 27]: 1K objects, 48 Kb
7. Bin (27, 56]: 1K objects, 48 Kb
8. Bin (56, 61]: 0K objects, 5 Kb
9. Bin (61, 69]: 0K objects, 4 Kb
10. Bin (69, 79]: 0K objects, 5 Kb
11. Bin (79, 111]: 0K objects, 6 Kb
12. Bin (111, 148]: 0K objects, 6 Kb
13. Bin (148, 159]: 0K objects, 5 Kb
14. Bin (159, 192]: 0K objects, 4 Kb
15. Bin (192, 246]: 0K objects, 4 Kb
16. Bin (246, 438]: 0K objects, 4 Kb
17. Bin (438, 37251]: 0K objects, 5 Kb



```
Age proportions for each bin #0:
0. Bin (-1,2], Age-Proportions: [(0, 100.0)]
 1. Bin (2,3], Age-Proportions: [(0, 100.0)]
2. Bin (3,5], Age-Proportions: [(0, 100.0)]
3. Bin (5,7], Age-Proportions: [(0, 100.0)]
```

4. Bin (7,12], Age-Proportions: [(0, 100.0)]

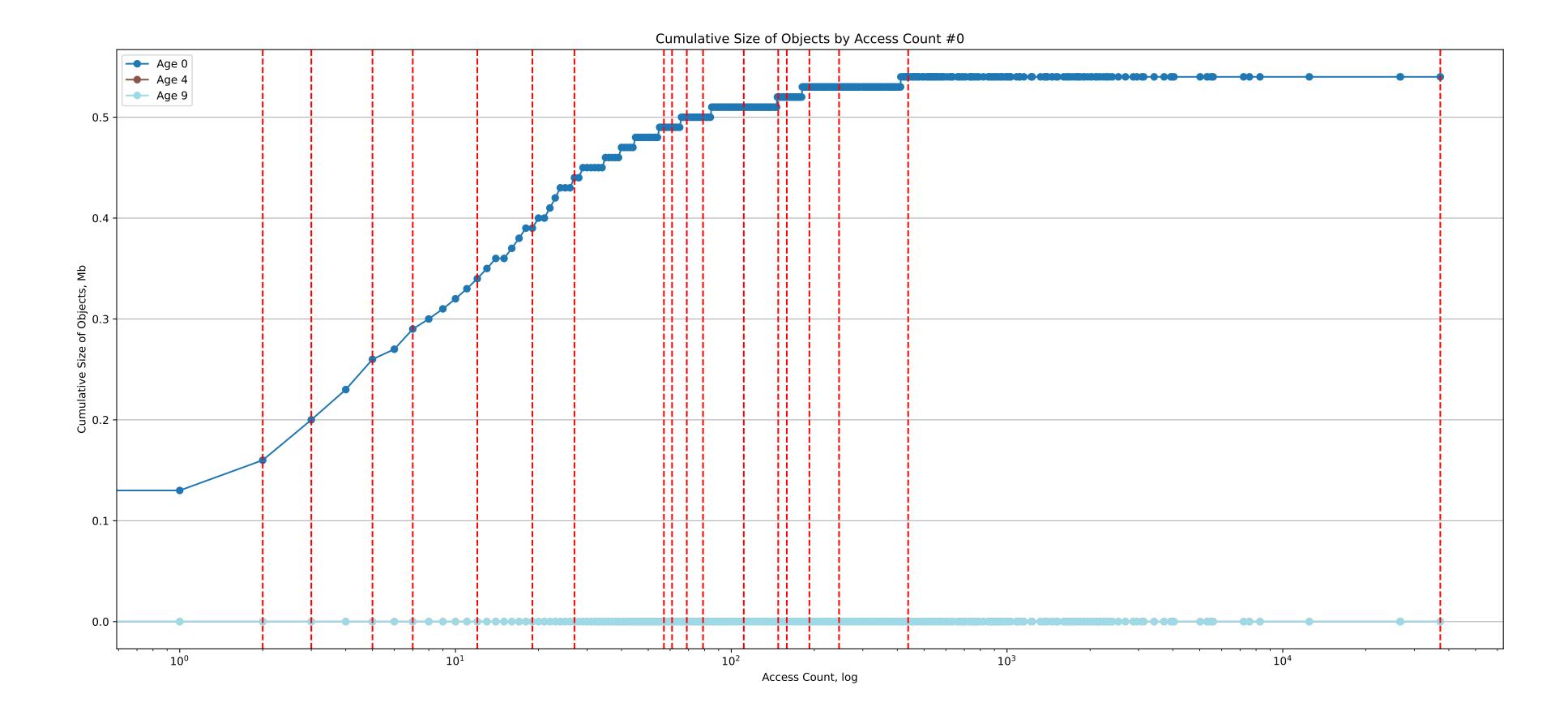
5. Bin (12,19], Age-Proportions: [(0, 100.0)] 6. Bin (19,27], Age-Proportions: [(0, 100.0)] 7. Bin (27,56], Age-Proportions: [(0, 100.0)]

8. Bin (56,61], Age-Proportions: [(0, 100.0)] 9. Bin (61,69], Age-Proportions: [(0, 100.0)] 10. Bin (69,79], Age-Proportions: [(0, 100.0)]

11. Bin (79,111], Age-Proportions: [(0, 100.0)] 12. Bin (111,148], Age-Proportions: [(0, 100.0)] 13. Bin (148,159], Age-Proportions: [(0, 100.0)]

14. Bin (159,192], Age-Proportions: [(0, 100.0)] 15. Bin (192,246], Age-Proportions: [(0, 100.0)]

16. Bin (246,438], Age-Proportions: [(0, 100.0)] 17. Bin (438,37251], Age-Proportions: [(0, 100.0)]



```
Cumulative Size for bins Access Counts #0:
0. Bin (<2]: Age>=0(0.16 Mb, 29.63%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
```

1. Bin (<3]: Age>=0(0.2 Mb, 37.1%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 2. Bin (<5]: Age>=0(0.26 Mb, 48.17%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

3. Bin (<7]: Age>=0(0.29 Mb, 52.89%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 4. Bin (<12]: Age>=0(0.34 Mb, 63.42%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 5. Bin (<19]: Age>=0(0.39 Mb, 72.6%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

6. Bin (<27]: Age>=0(0.44 Mb, 81.38%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 7. Bin (<56]: Age>=0(0.49 Mb, 90.16%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

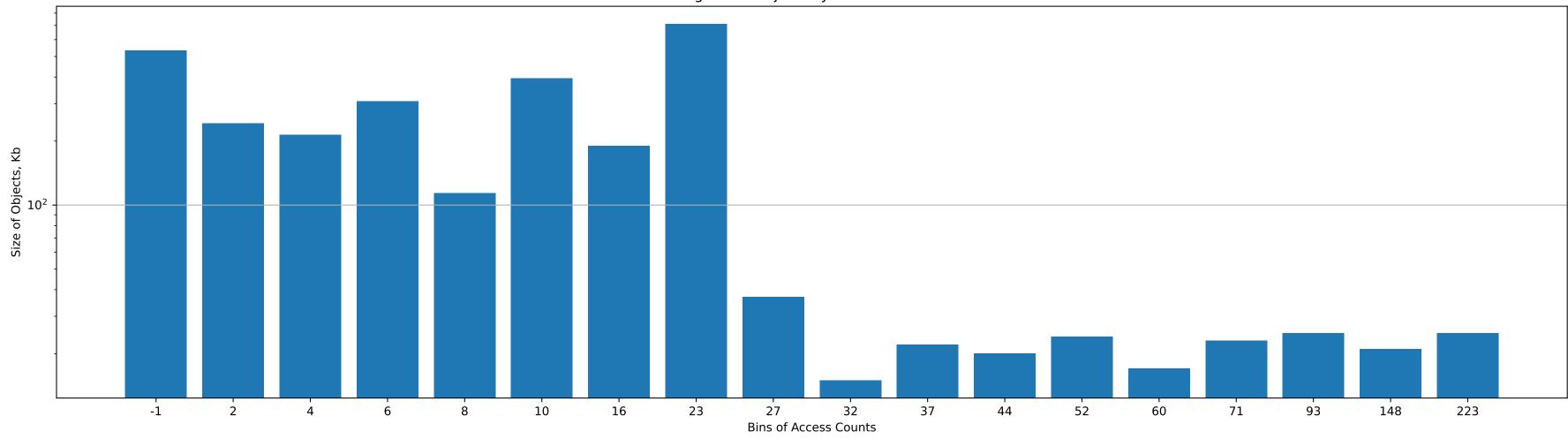
8. Bin (<61]: Age>=0(0.49 Mb, 91.16%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 9. Bin (<69]: Age>=0(0.5 Mb, 92.01%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

10. Bin (<79]: Age>=0(0.5 Mb, 93.09%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 11. Bin (<111]: Age>=0(0.51 Mb, 94.25%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

12. Bin (<148]: Age>=0(0.52 Mb, 95.37%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 13. Bin (<159]: Age>=0(0.52 Mb, 96.36%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 14. Bin (<192]: Age>=0(0.53 Mb, 97.24%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

15. Bin (<246]: Age>=0(0.53 Mb, 98.11%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 16. Bin (<438]: Age>=0(0.54 Mb, 98.96%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 17. Bin (<37251]: Age>=0(0.54 Mb, 100.0%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #1



```
Total stats for each bin #1:

Number of non-array objects: ~81 K, Total: ~118.95 K

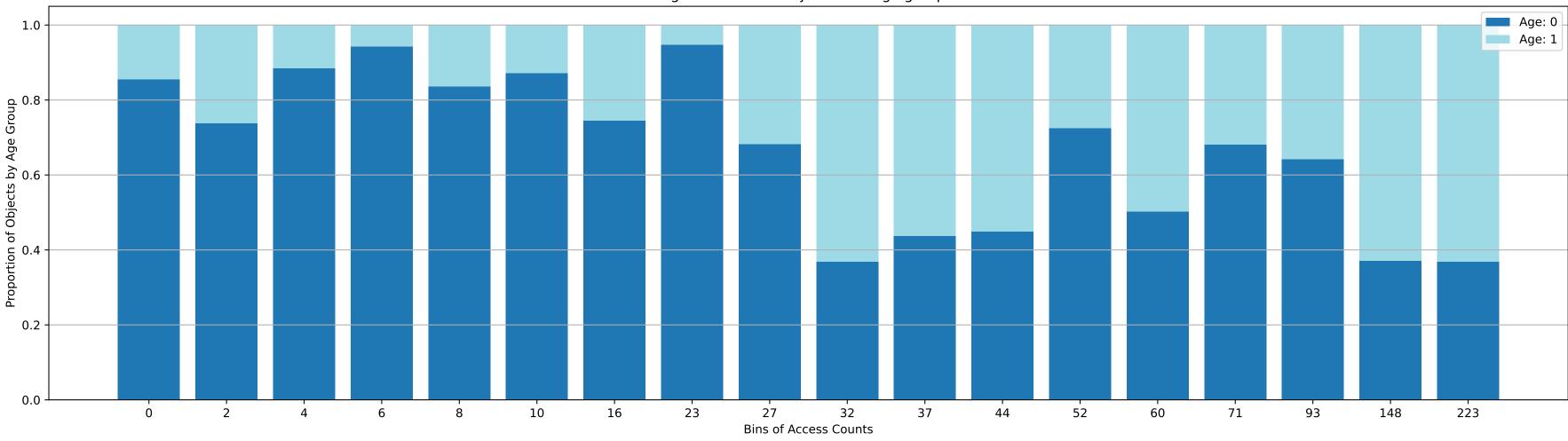
Size of non-array objects: ~2.87 Mb, Total: ~5.9 Mb

0. Bin (-1, 2]: 23K objects, 534 Kb

1. Bin (2, 4]: 8K objects, 242 Kb
```

- 2. Bin (4, 6]: 7K objects, 214 Kb 3. Bin (6, 8]: 12K objects, 308 Kb 4. Bin (8, 10]: 3K objects, 114 Kb
- 5. Bin (10, 16]: 11K objects, 395 Kb 6. Bin (16, 23]: 6K objects, 190 Kb
- 7. Bin (23, 27]: 10K objects, 710 Kb 8. Bin (27, 32]: 1K objects, 37 Kb 9. Bin (32, 37]: 0K objects, 15 Kb
- 10. Bin (37, 44]: 0K objects, 22 Kb 11. Bin (44, 52]: 0K objects, 20 Kb
- 12. Bin (44, 52): UK objects, 20 Kb
- 13. Bin (60, 71]: 0K objects, 17 Kb
- 14. Bin (71, 93]: 0K objects, 23 Kb 15. Bin (93, 148]: 0K objects, 25 Kb
- 16. Bin (148, 223]: 0K objects, 21 Kb 17. Bin (223, 642260]: 0K objects, 25 Kb

Histogram of bins of objects with age groups #1



```
Age proportions for each bin #1:

0. Bin (-1,2], Age-Proportions: [(0, 85.48), (1, 14.52)]

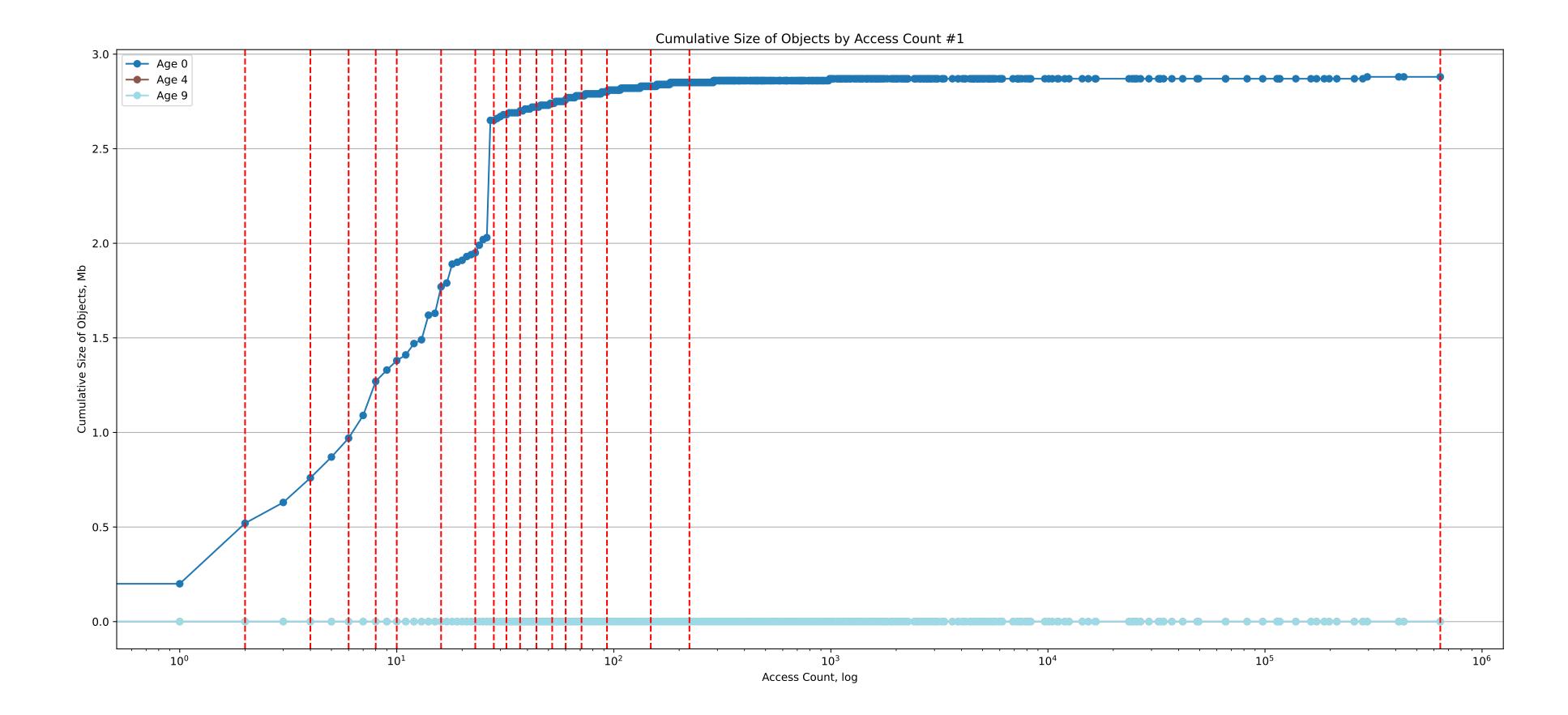
1. Bin (2,4], Age-Proportions: [(0, 73.77), (1, 26.23)]

2. Bin (4,6], Age-Proportions: [(0, 88.45), (1, 11.55)]

3. Bin (6,8], Age-Proportions: [(0, 94.25), (1, 5.75)]

4. Bin (8,10], Age-Proportions: [(0, 83.63), (1, 16.37)]
```

5. Bin (10,16], Age-Proportions: [(0, 87.13), (1, 12.87)]
6. Bin (16,23], Age-Proportions: [(0, 74.53), (1, 25.47)]
7. Bin (23,27], Age-Proportions: [(0, 94.77), (1, 5.23)]
8. Bin (27,32], Age-Proportions: [(0, 68.25), (1, 31.75)]
9. Bin (32,37], Age-Proportions: [(1, 63.19), (0, 36.81)]
10. Bin (37,44], Age-Proportions: [(1, 56.24), (0, 43.76)]
11. Bin (44,52], Age-Proportions: [(1, 55.06), (0, 44.94)]
12. Bin (52,60], Age-Proportions: [(0, 72.45), (1, 27.55)]
13. Bin (60,71], Age-Proportions: [(0, 50.19), (1, 49.81)]
14. Bin (71,93], Age-Proportions: [(0, 68.12), (1, 31.88)]
15. Bin (93,148], Age-Proportions: [(0, 64.14), (1, 35.86)]
16. Bin (148,223], Age-Proportions: [(1, 62.89), (0, 37.11)]
17. Bin (223,642260], Age-Proportions: [(1, 63.09), (0, 36.91)]



```
Cumulative Size for bins Access Counts #1:
0. Bin (<2]: Age>=0(0.52 Mb, 18.15%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
1. Bin (<4]: Age>=0(0.76 Mb, 26.38%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
2. Bin (<6]: Age>=0(0.97 Mb, 33.66%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
3. Bin (<8]: Age>=0(1.27 Mb, 44.15%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
```

4. Bin (<10]: Age>=0(1.38 Mb, 48.05%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

5. Bin (<16]: Age>=0(1.77 Mb, 61.47%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 6. Bin (<23]: Age>=0(1.95 Mb, 67.95%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

7. Bin (<27]: Age>=0(2.65 Mb, 92.08%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 8. Bin (<32]: Age>=0(2.68 Mb, 93.34%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

10. Bin (<44]: Age>=0(2.72 Mb, 94.63%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 11. Bin (<52]: Age>=0(2.74 Mb, 95.33%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

9. Bin (<37]: Age>=0(2.7 Mb, 93.85%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

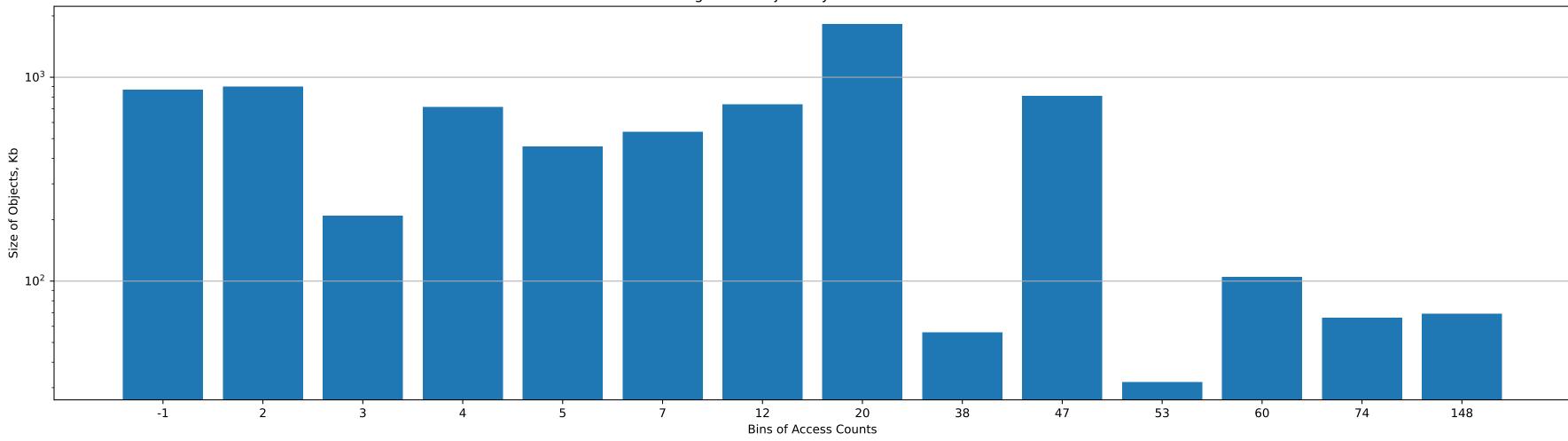
14. Bin (<93]: Age>=0(2.8 Mb, 97.54%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

12. Bin (<60]: Age>=0(2.76 Mb, 96.15%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 13. Bin (<71]: Age>=0(2.78 Mb, 96.74%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

15. Bin (<148]: Age>=0(2.83 Mb, 98.41%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 16. Bin (<223]: Age>=0(2.85 Mb, 99.14%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

17. Bin (<642260]: Age>=0(2.88 Mb, 100.0%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #2



```
Total stats for each bin #2:

Number of non-array objects: ~248 K, Total: ~314.68 K

Size of non-array objects: ~7.21 Mb, Total: ~12.63 Mb

0. Bin (-1, 2]: 45K objects, 870 Kb
```

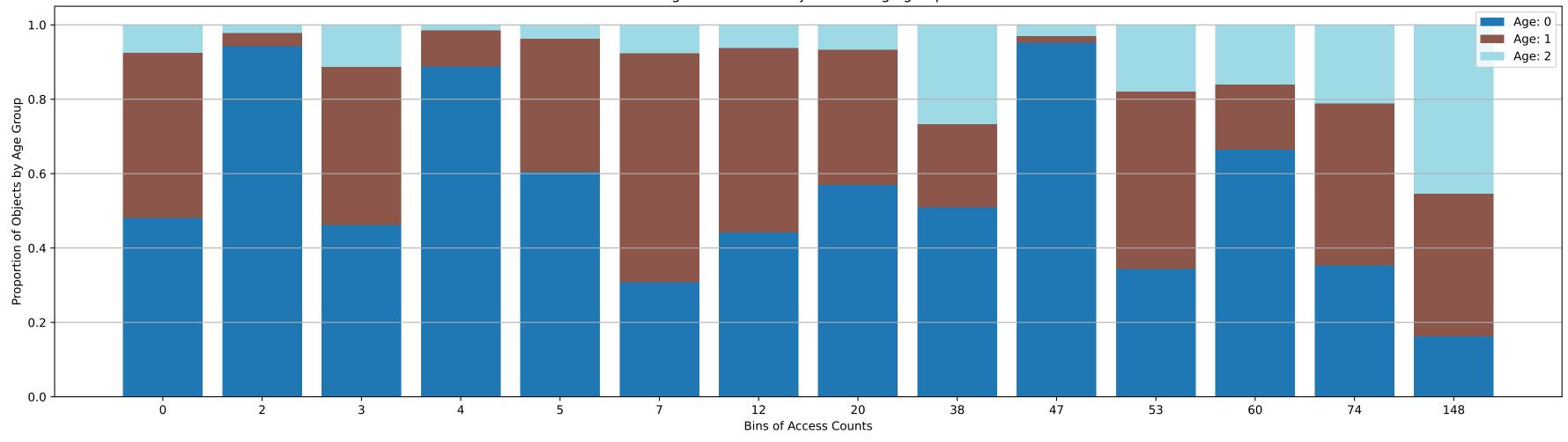
2. Bin (3, 4]: 8K objects, 209 Kb

1. Bin (2, 3]: 53K objects, 898 Kb

5. Bin (7, 12]: 20K objects, 540 Kb

- 3. Bin (4, 5]: 34K objects, 714 Kb 4. Bin (5, 7]: 19K objects, 458 Kb
- 6. Bin (12, 20]: 22K objects, 737 Kb 7. Bin (20, 38]: 30K objects, 1821 Kb
- 8. Bin (38, 47]: 2K objects, 56 Kb 9. Bin (47, 53]: 10K objects, 808 Kb
- 10. Bin (53, 60]: 1K objects, 32 Kb 11. Bin (60, 74]: 1K objects, 105 Kb
- 12. Bin (74, 148]: 2K objects, 66 Kb 13. Bin (148, 1967836]: 1K objects, 69 Kb

Histogram of bins of objects with age groups #2



Age proportions for each bin #2: 0. Bin (-1,2], Age-Proportions: [(0, 48.05), (1, 44.38), (2, 7.57)]

1. Bin (2,3], Age-Proportions: [(0, 94.27), (1, 3.5), (2, 2.23)] 2. Bin (3,4], Age-Proportions: [(0, 46.17), (1, 42.57), (2, 11.26)]

3. Bin (4,5], Age-Proportions: [(0, 88.87), (1, 9.68), (2, 1.45)]
4. Bin (5,7], Age-Proportions: [(0, 60.54), (1, 35.73), (2, 3.73)]

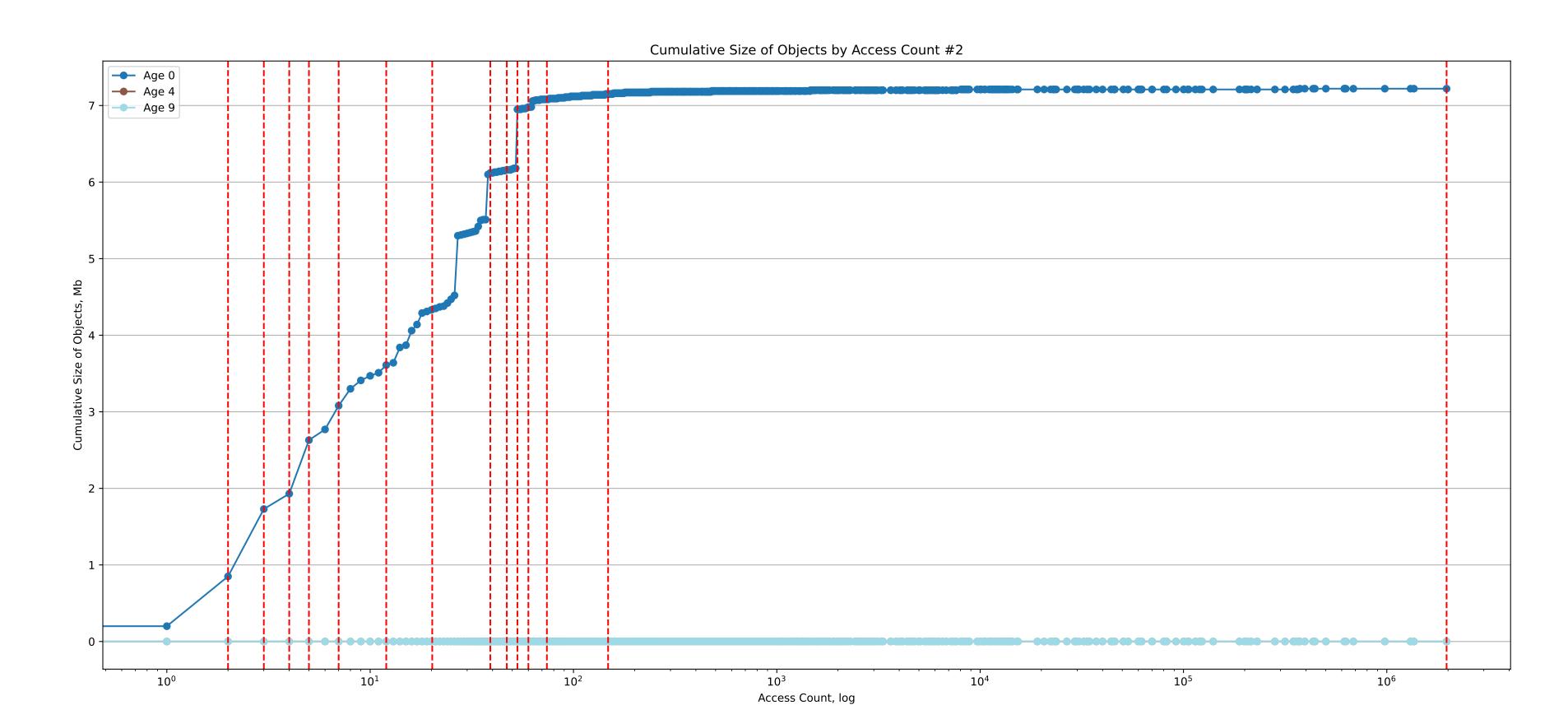
4. Bin (5,7], Age-Proportions: [(0, 60.54), (1, 35.73), (2, 3.73)] 5. Bin (7,12], Age-Proportions: [(1, 61.52), (0, 30.79), (2, 7.69)]

6. Bin (12,20], Age-Proportions: [(1, 49.54), (0, 44.26), (2, 6.19)]
7. Bin (20,38], Age-Proportions: [(0, 56.97), (1, 36.4), (2, 6.63)]
8. Bin (38,47], Age-Proportions: [(0, 50.93), (2, 26.64), (1, 22.42)]

9. Bin (47,53], Age-Proportions: [(0, 95.22), (2, 2.98), (1, 1.8)] 10. Bin (53,60], Age-Proportions: [(1, 47.76), (0, 34.37), (2, 17.88)]

11. Bin (60,74], Age-Proportions: [(0, 66.5), (1, 17.45), (2, 16.06)]

12. Bin (74,148], Age-Proportions: [(1, 43.5), (0, 35.38), (2, 21.11)]
13. Bin (148,1967836], Age-Proportions: [(2, 45.43), (1, 38.3), (0, 16.27)]



```
Cumulative Size for bins Access Counts #2:
0. Bin (<2]: Age>=0(0.85 Mb, 11.79%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
```

1. Bin (<3]: Age>=0(1.73 Mb, 23.95%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

3. Bin (<5]: Age>=0(2.63 Mb, 36.45%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

2. Bin (<4]: Age>=0(1.93 Mb, 26.78%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

6. Bin (<20]: Age>=0(4.33 Mb, 59.94%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

12. Bin (<148]: Age>=0(7.15 Mb, 99.06%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

4. Bin (<7]: Age>=0(3.08 Mb, 42.65%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 5. Bin (<12]: Age>=0(3.61 Mb, 49.96%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

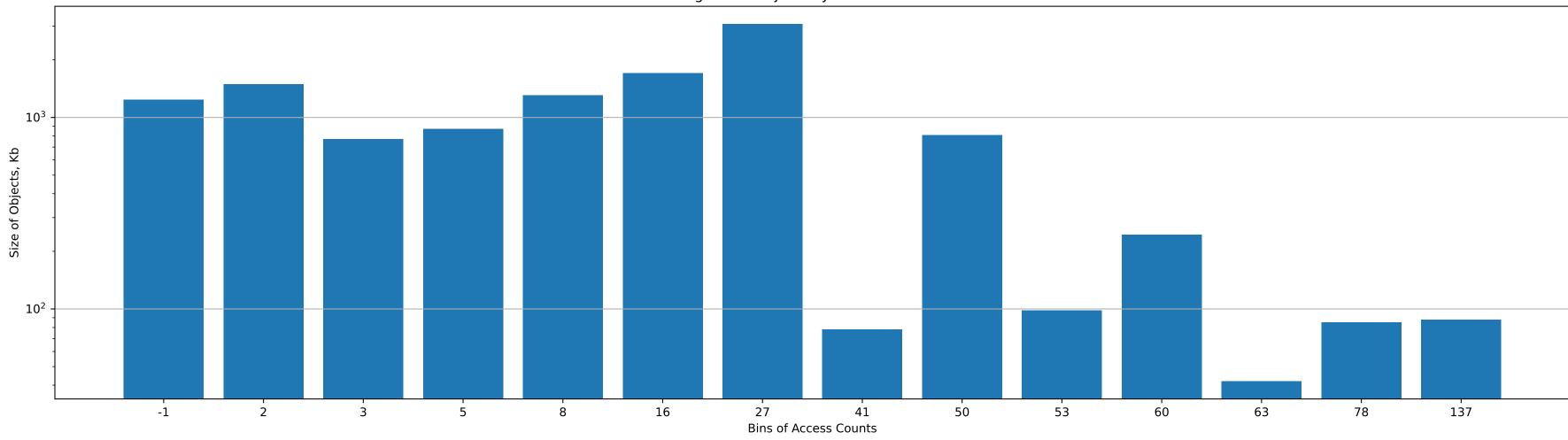
7. Bin (<38]: Age>=0(6.1 Mb, 84.6%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

8. Bin (<47]: Age>=0(6.16 Mb, 85.35%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 9. Bin (<53]: Age>=0(6.95 Mb, 96.29%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

10. Bin (<60]: Age>=0(6.98 Mb, 96.73%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 11. Bin (<74]: Age>=0(7.08 Mb, 98.16%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

13. Bin (<1967836]: Age>=0(7.22 Mb, 100.0%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #3



```
Total stats for each bin #3:

Number of non-array objects: ~389 K, Total: ~503.68 K

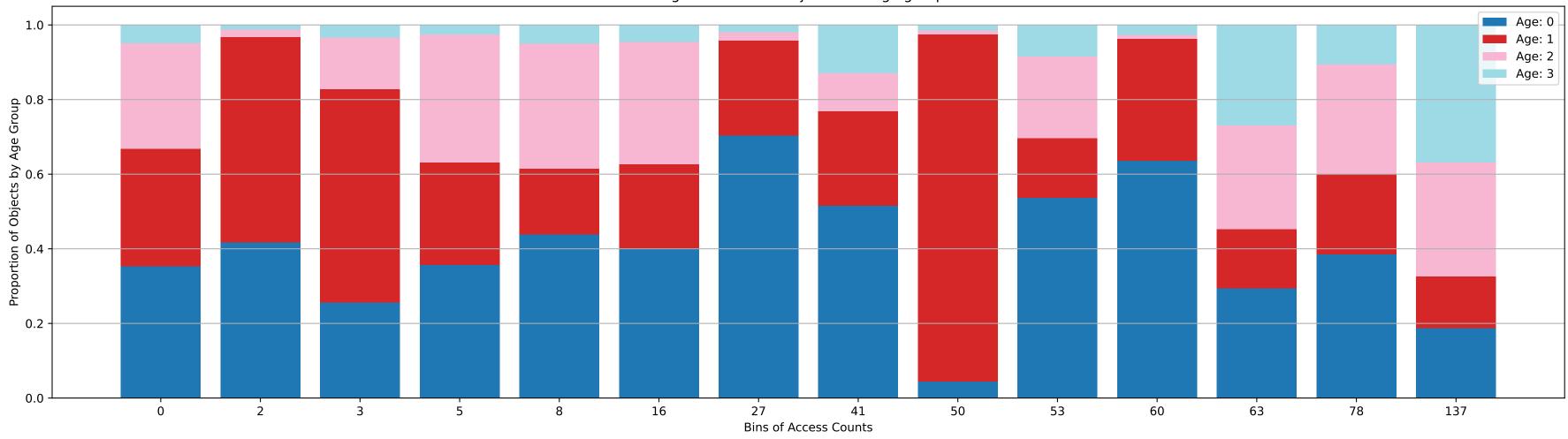
Size of non-array objects: ~11.61 Mb, Total: ~20.0 Mb

0. Bin (-1, 2]: 69K objects, 1236 Kb

1. Bin (2, 3]: 91K objects, 1492 Kb
```

- 2. Bin (3, 5]: 41K objects, 769 Kb 3. Bin (5, 8]: 38K objects, 869 Kb
- 4. Bin (8, 16]: 40K objects, 1302 Kb 5. Bin (16, 27]: 43K objects, 1706 Kb
- 6. Bin (27, 41]: 44K objects, 3071 Kb 7. Bin (41, 50]: 2K objects, 78 Kb
- 8. Bin (50, 53]: 11K objects, 808 Kb 9. Bin (53, 60]: 2K objects, 98 Kb
- 10. Bin (60, 63]: 3K objects, 244 Kb 11. Bin (63, 78]: 1K objects, 42 Kb
- 11. Bin (63, 78]: 1K objects, 42 Kb 12. Bin (78, 137]: 2K objects, 85 Kb
- 13. Bin (137, 3981223]: 2K objects, 88 Kb

Histogram of bins of objects with age groups #3



Age proportions for each bin #3:

0. Bin (-1,2], Age-Proportions: [(0, 35.4), (1, 31.4), (2, 28.28), (3, 4.92)]

1. Bin (2,3], Age-Proportions: [(1, 55.04), (0, 41.67), (2, 2.0), (3, 1.3)] 2. Bin (3,5], Age-Proportions: [(1, 57.17), (0, 25.61), (2, 13.86), (3, 3.37)]

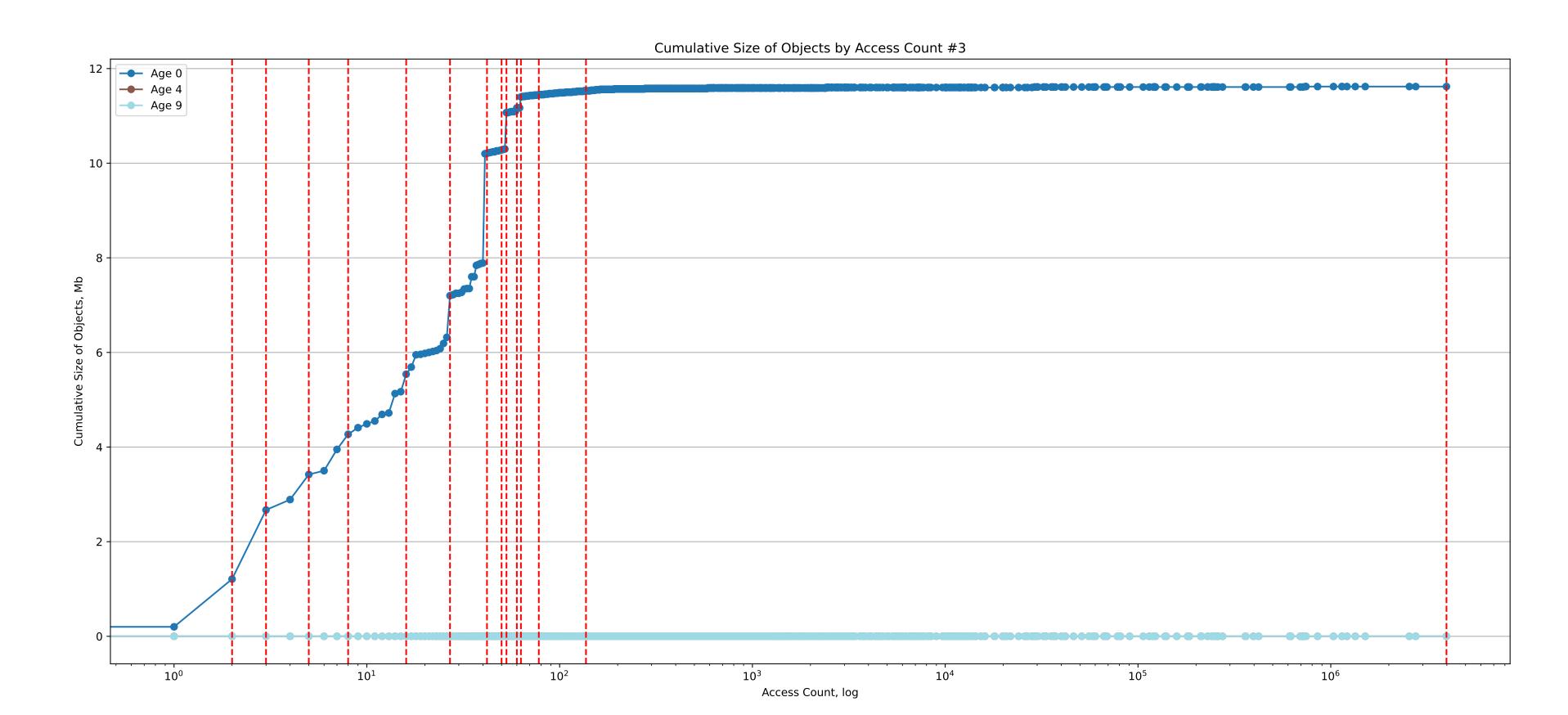
3. Bin (5,8], Age-Proportions: [(0, 35.66), (2, 34.23), (1, 27.53), (3, 2.59)] 4. Bin (8,16], Age-Proportions: [(0, 43.8), (2, 33.51), (1, 17.7), (3, 4.98)]

5. Bin (16,27], Age-Proportions: [(0, 40.1), (2, 32.75), (1, 17.7), (3, 4.96)] 6. Bin (27,41], Age-Proportions: [(0, 70.39), (1, 25.46), (2, 2.15), (3, 2.0)]

7. Bin (41,50], Age-Proportions: [(0, 51.58), (1, 25.34), (3, 12.98), (2, 10.1)]
8. Bin (50,53], Age-Proportions: [(1, 93.03), (0, 4.45), (3, 1.52), (2, 1.0)]

9. Bin (53,60], Age-Proportions: [(0, 53.65), (2, 21.87), (1, 15.97), (3, 8.52)] 10. Bin (60,63], Age-Proportions: [(0, 63.69), (1, 32.61), (3, 2.62), (2, 1.09)] 11. Bin (63,78], Age-Proportions: [(0, 29.45), (2, 27.79), (3, 26.93), (1, 15.82)]

12. Bin (78,137], Age-Proportions: [(0, 38.57), (2, 29.33), (1, 21.48), (3, 10.63)] 13. Bin (137,3981223], Age-Proportions: [(3, 36.92), (2, 30.53), (0, 18.77), (1, 13.78)]



```
Cumulative Size for bins Access Counts #3:
0. Bin (<2]: Age>=0(1.21 Mb, 10.4%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
```

1. Bin (<3]: Age>=0(1.21 Mb, 10.4%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

2. Bin (<5]: Age>=0(3.42 Mb, 29.41%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
3. Bin (<8]: Age>=0(4.27 Mb, 36.72%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

12. Bin (<137]: Age>=0(11.53 Mb, 99.26%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

4. Bin (<16]: Age>=0(5.54 Mb, 47.67%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
5. Bin (<27]: Age>=0(7.2 Mb, 62.02%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

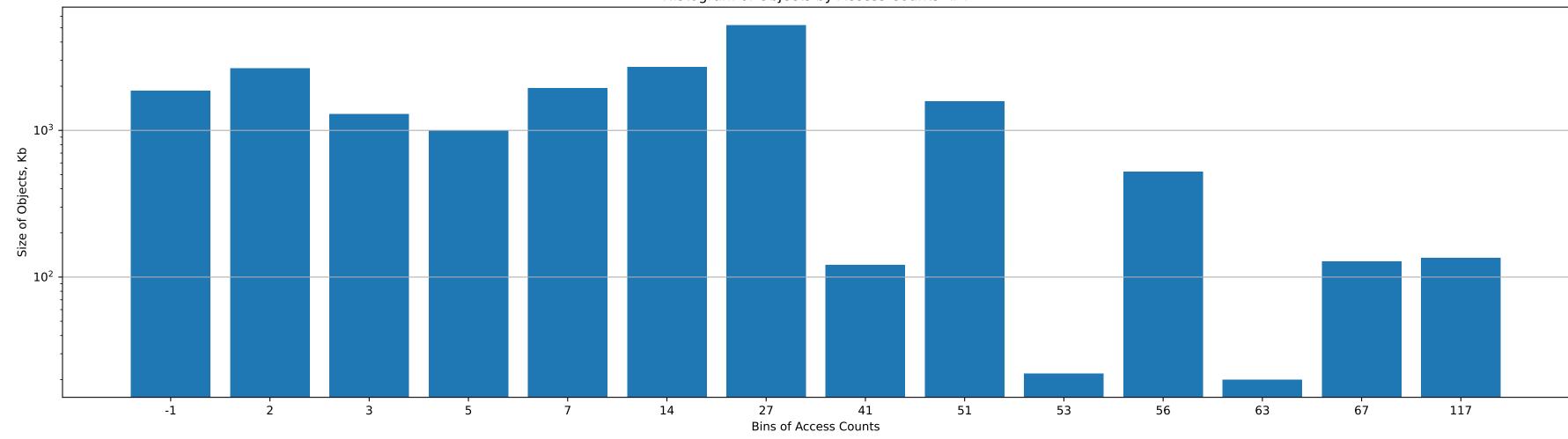
6. Bin (<41]: Age>=0(10.2 Mb, 87.84%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%) 7. Bin (<50]: Age>=0(10.28 Mb, 88.5%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

8. Bin (<53]: Age>=0(11.07 Mb, 95.3%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
9. Bin (<60]: Age>=0(11.17 Mb, 96.13%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

10. Bin (<63]: Age>=0(11.4 Mb, 98.18%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)
11. Bin (<78]: Age>=0(11.45 Mb, 98.54%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

13. Bin ($<398122\overline{3}$]: Age>=0(11.62 Mb, 100.0%), Age>=4(0.0 Mb, 0.0%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #4



```
Number of non-array objects: ~649 K, Total: ~820.49 K
Size of non-array objects: ~18.8 Mb, Total: ~31.16 Mb
```

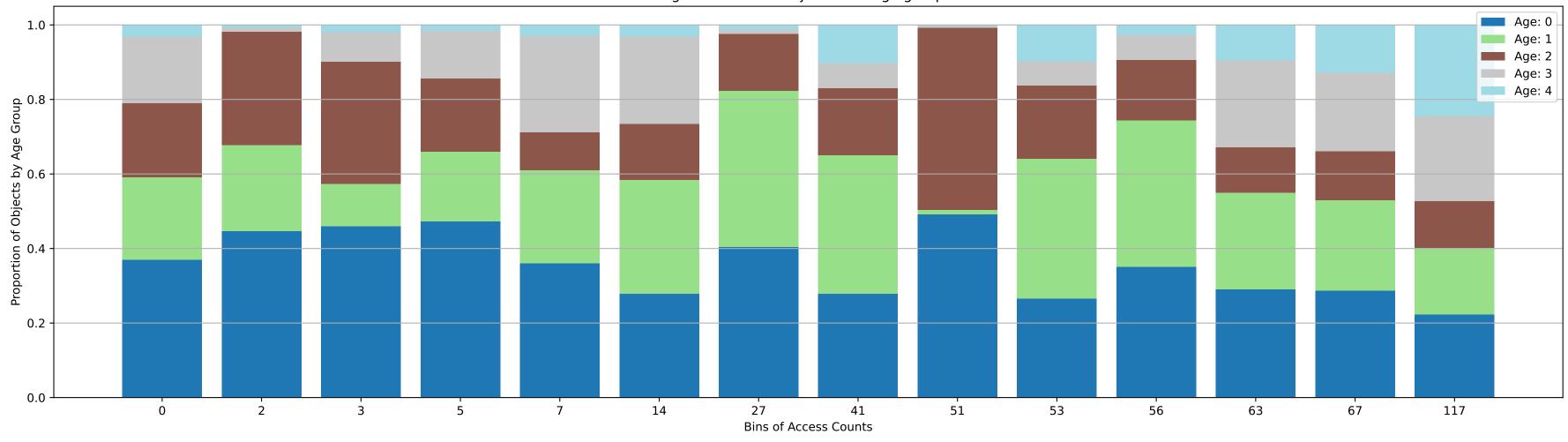
2. Bin (3, 5]: 72K objects, 1293 Kb

0. Bin (-1, 2]: 109K objects, 1864 Kb 1. Bin (2, 3]: 166K objects, 2657 Kb

Total stats for each bin #4:

- 3. Bin (5, 7]: 47K objects, 1005 Kb 4. Bin (7, 14]: 65K objects, 1948 Kb
- 5. Bin (14, 27]: 76K objects, 2714 Kb 6. Bin (27, 41]: 74K objects, 5239 Kb
- 7. Bin (41, 51]: 4K objects, 121 Kb
- 8. Bin (51, 53]: 20K objects, 1584 Kb 9. Bin (53, 56]: 0K objects, 22 Kb
- 10. Bin (56, 63]: 8K objects, 523 Kb 11. Bin (63, 67]: 0K objects, 20 Kb
- 12. Bin (67, 117]: 4K objects, 128 Kb 13. Bin (117, 6713632]: 4K objects, 135 Kb

Histogram of bins of objects with age groups #4



0. Bin (-1,2], Age-Proportions: [(0, 37.02), (1, 22.14), (2, 19.85), (3, 17.88), (4, 3.11)] 1. Bin (2,3], Age-Proportions: [(0, 44.71), (2, 30.39), (1, 23.08), (3, 1.1), (4, 0.72)]

2. Bin (3,5], Age-Proportions: [(0, 45.96), (2, 32.73), (1, 11.45), (3, 7.93), (4, 1.93)]

3. Bin (5,7], Age-Proportions: [(0, 47.31), (2, 19.63), (1, 18.66), (3, 12.85), (4, 1.55)]

4. Bin (7,14], Age-Proportions: [(0, 36.02), (3, 25.81), (1, 24.98), (2, 10.23), (4, 2.96)] 5. Bin (14,27], Age-Proportions: [(1, 30.47), (0, 27.88), (3, 23.47), (2, 15.12), (4, 3.06)]

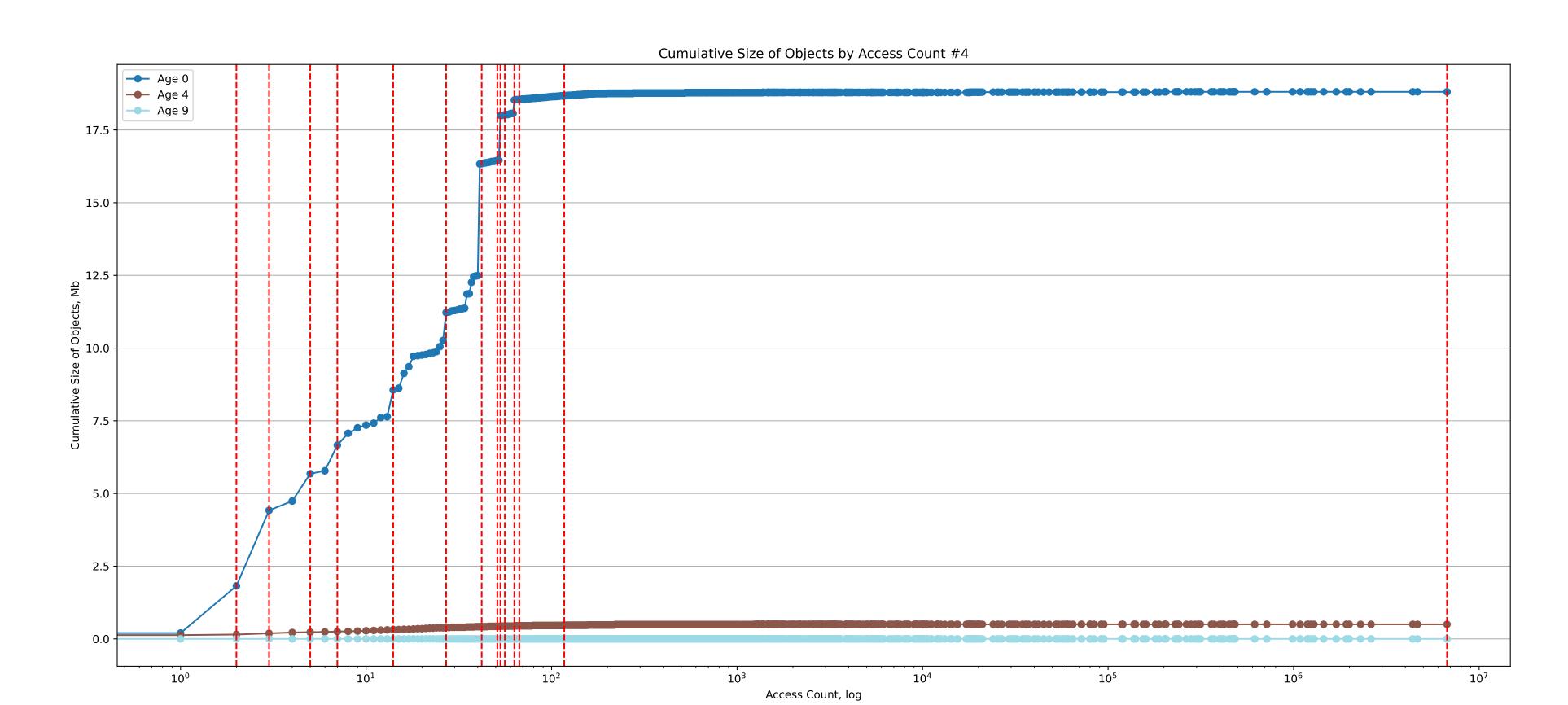
Age proportions for each bin #4:

6. Bin (27,41], Age-Proportions: [(1, 41.98), (0, 40.39), (2, 15.16), (3, 1.29), (4, 1.19)]

7. Bin (41,51], Age-Proportions: [(1, 37.17), (0, 27.86), (2, 17.99), (4, 10.29), (3, 6.69)] 8. Bin (51,53], Age-Proportions: [(0, 49.15), (2, 48.84), (1, 1.26), (3, 0.46), (4, 0.3)]

9. Bin (53,56], Age-Proportions: [(1, 37.5), (0, 26.55), (2, 19.73), (4, 9.71), (3, 6.51)] 10. Bin (56,63], Age-Proportions: [(1, 39.29), (0, 35.12), (2, 16.2), (3, 6.68), (4, 2.71)] 11. Bin (63,67], Age-Proportions: [(0, 29.05), (1, 25.99), (3, 23.21), (2, 12.2), (4, 9.55)]

12. Bin (67,117], Age-Proportions: [(0, 28.69), (1, 24.26), (3, 20.98), (2, 13.22), (4, 12.85)] 13. Bin (117,6713632], Age-Proportions: [(4, 24.5), (3, 22.84), (0, 22.32), (1, 17.8), (2, 12.53)]



```
Cumulative Size for bins Access Counts #4:
0. Bin (<2]: Age>=0(1.82 Mb, 9.68%), Age>=4(0.15 Mb, 0.82%), Age>=9(0.0 Mb, 0.0%)
```

1. Bin (<3]: Age>=0(4.42 Mb, 23.48%), Age>=4(0.19 Mb, 1.01%), Age>=9(0.0 Mb, 0.0%)

3. Bin (<7]: Age>=0(6.66 Mb, 35.42%), Age>=4(0.25 Mb, 1.34%), Age>=9(0.0 Mb, 0.0%)

2. Bin (<5]: Age>=0(5.68 Mb, 30.2%), Age>=4(0.23 Mb, 1.23%), Age>=9(0.0 Mb, 0.0%)

4. Bin (<14]: Age>=0(8.56 Mb, 45.53%), Age>=4(0.32 Mb, 1.68%), Age>=9(0.0 Mb, 0.0%) 5. Bin (<27]: Age>=0(11.22 Mb, 59.63%), Age>=4(0.39 Mb, 2.08%), Age>=9(0.0 Mb, 0.0%)

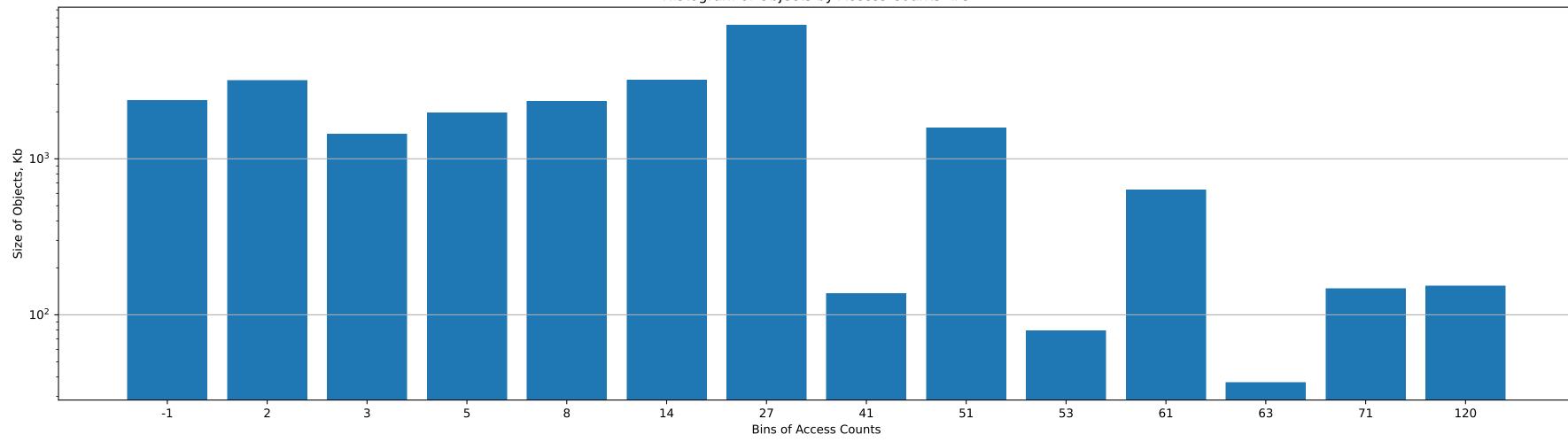
6. Bin (<41]: Age>=0(16.33 Mb, 86.83%), Age>=4(0.42 Mb, 2.23%), Age>=9(0.0 Mb, 0.0%) 7. Bin (<51]: Age>=0(16.45 Mb, 87.46%), Age>=4(0.43 Mb, 2.3%), Age>=9(0.0 Mb, 0.0%)

8. Bin (<53]: Age>=0(18.0 Mb, 95.69%), Age>=4(0.43 Mb, 2.31%), Age>=9(0.0 Mb, 0.0%) 9. Bin (<56]: Age>=0(18.02 Mb, 95.81%), Age>=4(0.44 Mb, 2.33%), Age>=9(0.0 Mb, 0.0%)

10. Bin (<63]: Age>=0(18.53 Mb, 98.53%), Age>=4(0.44 Mb, 2.36%), Age>=9(0.0 Mb, 0.0%) 11. Bin (<67]: Age>=0(18.55 Mb, 98.63%), Age>=4(0.45 Mb, 2.38%), Age>=9(0.0 Mb, 0.0%)

12. Bin (<117]: Age>=0(18.68 Mb, 99.3%), Age>=4(0.47 Mb, 2.47%), Age>=9(0.0 Mb, 0.0%) 13. Bin (<6713632]: Age>=0(18.81 Mb, 100.0%), Age>=4(0.5 Mb, 2.66%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #5



```
Total stats for each bin #5:
Number of non-array objects: ~817 K, Total: ~1031.12 K
Size of non-array objects: ~23.92 Mb, Total: ~38.96 Mb
0. Bin (-1, 2]: 141K objects, 2370 Kb
1. Bin (2, 3]: 199K objects, 3179 Kb
2. Bin (3, 5]: 81K objects, 1446 Kb
```

3. Bin (5, 8]: 88K objects, 1978 Kb 4. Bin (8, 14]: 70K objects, 2341 Kb

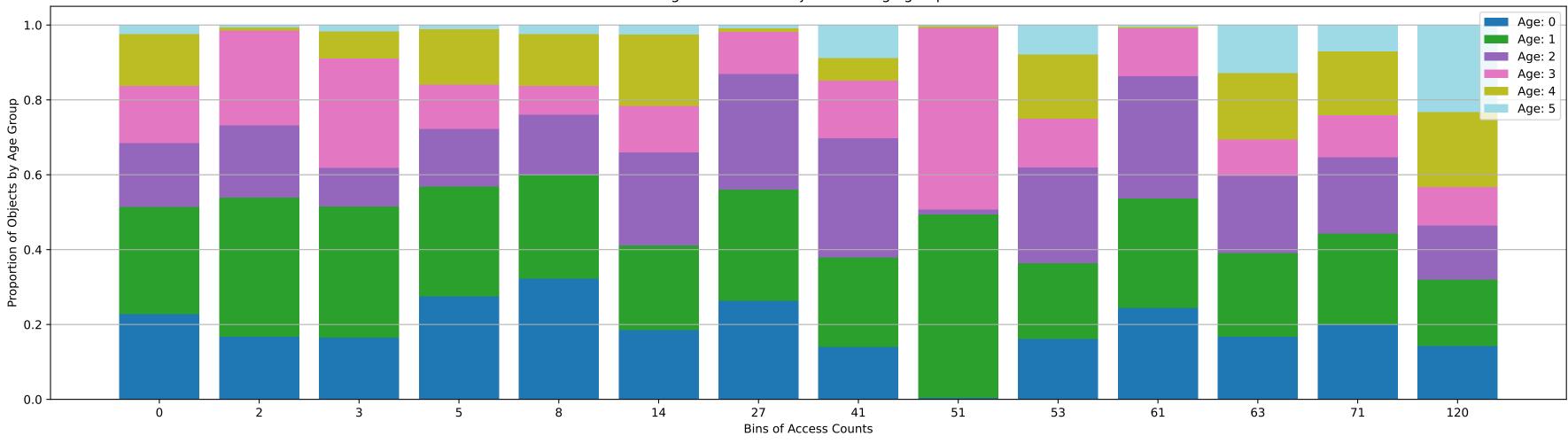
5. Bin (14, 27]: 93K objects, 3211 Kb 6. Bin (27, 41]: 100K objects, 7196 Kb 7. Bin (41, 51]: 5K objects, 137 Kb

8. Bin (51, 53]: 20K objects, 1586 Kb 9. Bin (53, 61]: 3K objects, 79 Kb 10. Bin (61, 63]: 8K objects, 635 Kb

11. Bin (63, 71]: 1K objects, 37 Kb 12. Bin (71, 120]: 4K objects, 147 Kb

13. Bin (120, 8460449]: 4K objects, 153 Kb

Histogram of bins of objects with age groups #5



Age proportions for each bin #5: 0. Bin (-1,2], Age-Proportions: [(1, 28.55), (0, 22.86), (2, 17.08), (3, 15.32), (4, 13.8), (5, 2.4)]

1. Bin (2,3], Age-Proportions: [(1, 37.21), (3, 25.32), (2, 19.23), (0, 16.73), (4, 0.92), (5, 0.6)] 2. Bin (3,5], Age-Proportions: [(1, 35.1), (3, 29.31), (0, 16.51), (2, 10.26), (4, 7.1), (5, 1.73)]

3. Bin (5,8], Age-Proportions: [(1, 29.35), (0, 27.52), (2, 15.38), (4, 14.76), (3, 11.88), (5, 1.12)] 4. Bin (8,14], Age-Proportions: [(0, 32.21), (1, 27.7), (2, 16.21), (4, 13.9), (3, 7.62), (5, 2.37)]

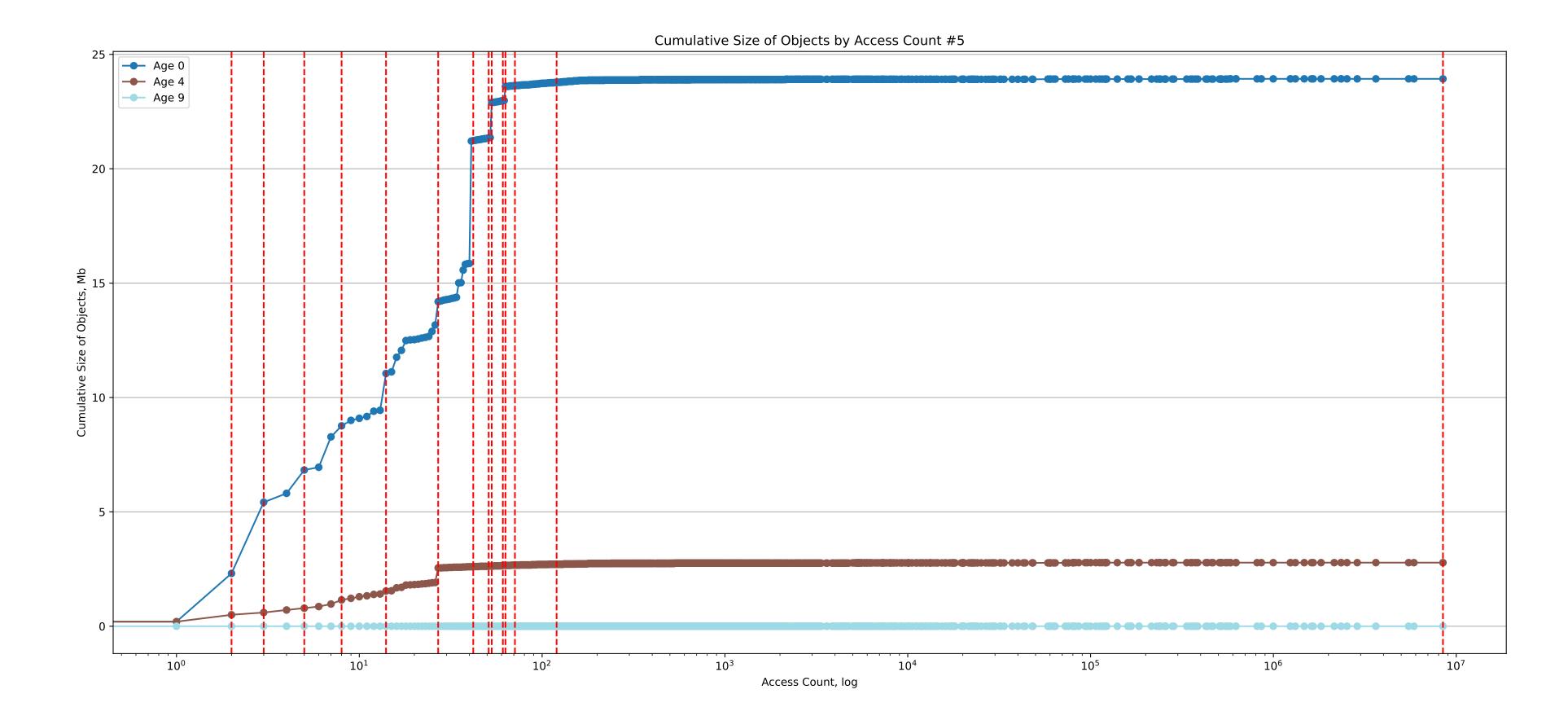
5. Bin (14,27], Age-Proportions: [(2, 24.89), (1, 22.64), (4, 19.12), (0, 18.49), (3, 12.35), (5, 2.5)] 6. Bin (27,41], Age-Proportions: [(2, 30.9), (1, 29.72), (0, 26.37), (3, 11.16), (4, 0.97), (5, 0.87)]

7. Bin (41,51], Age-Proportions: [(2, 31.81), (1, 23.91), (3, 15.4), (0, 14.06), (5, 8.78), (4, 6.05)] 8. Bin (51,53], Age-Proportions: [(1, 48.96), (3, 48.57), (2, 1.25), (0, 0.47), (4, 0.45), (5, 0.3)]

9. Bin (53,61], Age-Proportions: [(2, 25.5), (1, 20.35), (4, 17.09), (0, 16.09), (3, 13.09), (5, 7.88)] 10. Bin (61,63], Age-Proportions: [(2, 32.56), (1, 29.25), (0, 24.49), (3, 12.85), (5, 0.56), (4, 0.3)]

11. Bin (63,71], Age-Proportions: [(1, 22.4), (2, 20.59), (4, 17.65), (0, 16.74), (5, 12.9), (3, 9.73)]

12. Bin (71,120], Age-Proportions: [(1, 24.32), (2, 20.34), (0, 20.04), (4, 16.93), (3, 11.3), (5, 7.08)] 13. Bin (120,8460449], Age-Proportions: [(5, 23.27), (4, 19.96), (1, 17.67), (2, 14.52), (0, 14.32), (3, 10.26)]



```
Cumulative Size for bins Access Counts #5:
0. Bin (<2]: Age>=0(2.31 Mb, 9.67%), Age>=4(0.5 Mb, 2.1%), Age>=9(0.0 Mb, 0.0%)
```

1. Bin (<3]: Age>=0(5.42 Mb, 22.65%), Age>=4(0.6 Mb, 2.52%), Age>=9(0.0 Mb, 0.0%)

12. Bin (<120]: Age>=0(23.78 Mb, 99.37%), Age>=4(2.71 Mb, 11.32%), Age>=9(0.0 Mb, 0.0%)

2. Bin (<5]: Age>=0(6.83 Mb, 28.55%), Age>=4(0.79 Mb, 3.32%), Age>=9(0.0 Mb, 0.0%) 3. Bin (<8]: Age>=0(8.76 Mb, 36.63%), Age>=4(1.15 Mb, 4.83%), Age>=9(0.0 Mb, 0.0%)

4. Bin (<8]: Age>=0(8.76 Mb, 36.63%), Age>=4(1.15 Mb, 4.83%), Age>=9(0.0 Mb, 0.0%)

5. Bin (<27]: Age>=0(14.19 Mb, 59.29%), Age>=4(2.55 Mb, 10.65%), Age>=9(0.0 Mb, 0.0%)
6. Bin (<41]: Age>=0(21.21 Mb, 88.66%), Age>=4(2.6 Mb, 10.88%), Age>=9(0.0 Mb, 0.0%)

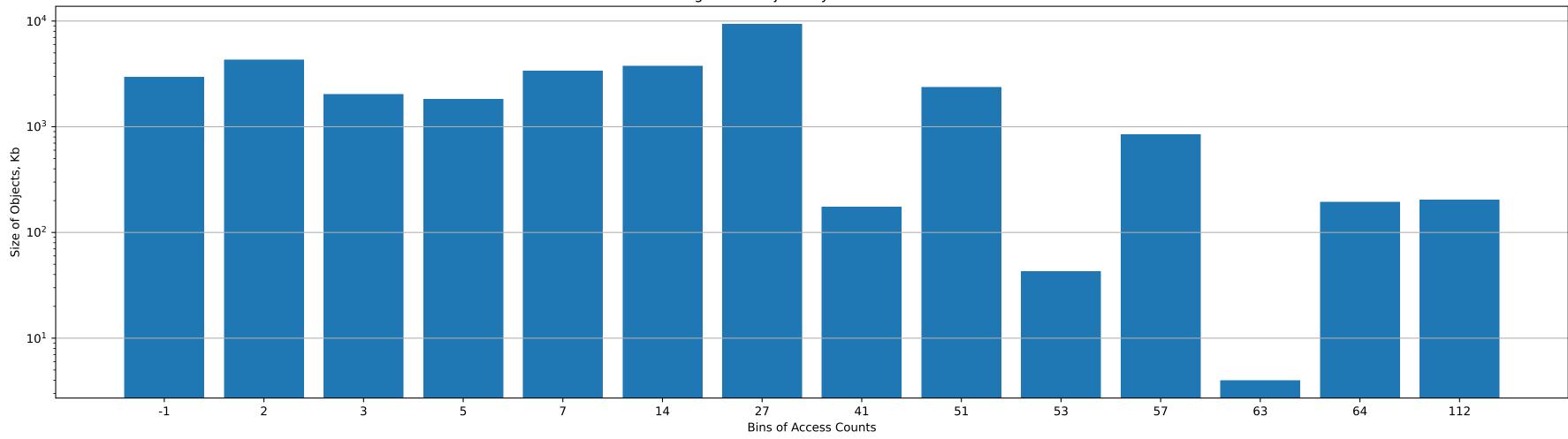
7. Bin (<51]: Age>=0(21.35 Mb, 89.22%), Age>=4(2.63 Mb, 10.98%), Age>=9(0.0 Mb, 0.0%) 8. Bin (<53]: Age>=0(22.9 Mb, 95.7%), Age>=4(2.63 Mb, 11.0%), Age>=9(0.0 Mb, 0.0%)

9. Bin (<61]: Age>=0(22.98 Mb, 96.03%), Age>=4(2.66 Mb, 11.1%), Age>=9(0.0 Mb, 0.0%)

10. Bin (<63]: Age>=0(23.6 Mb, 98.62%), Age>=4(2.66 Mb, 11.11%), Age>=9(0.0 Mb, 0.0%)
11. Bin (<71]: Age>=0(23.63 Mb, 98.77%), Age>=4(2.67 Mb, 11.16%), Age>=9(0.0 Mb, 0.0%)

13. Bin (<8460449]: Age>=0(23.93 Mb, 100.0%), Age>=4(2.78 Mb, 11.63%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #6



```
Total stats for each bin #6:

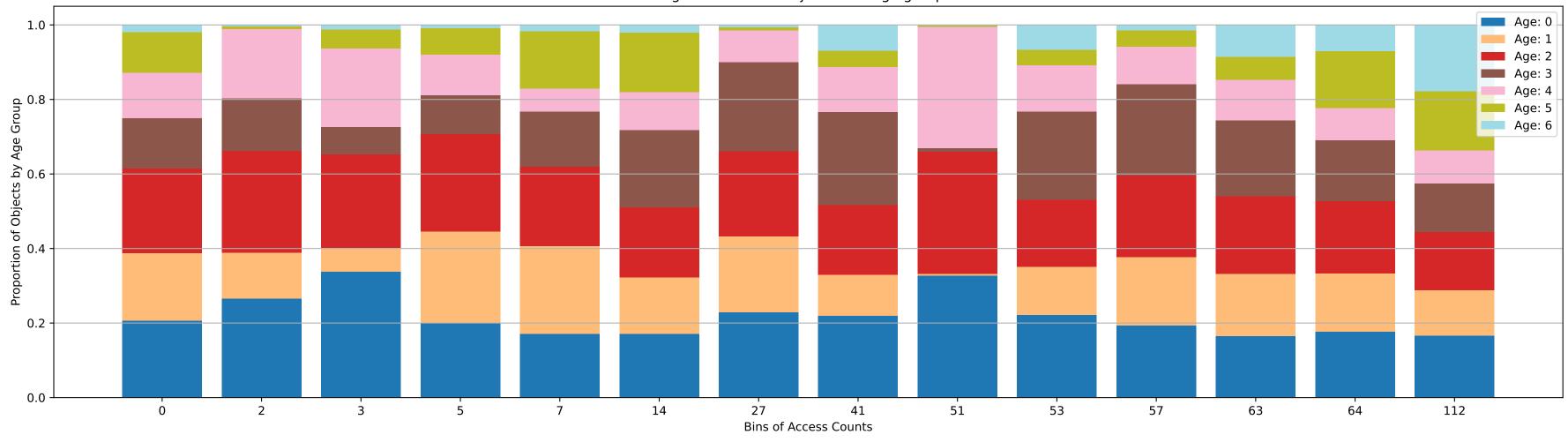
Number of non-array objects: ~1064 K, Total: ~1327.96 K

Size of non-array objects: ~30.7 Mb, Total: ~49.39 Mb

0. Bin (-1, 2]: 178K objects, 2947 Kb
```

- 1. Bin (2, 3]: 272K objects, 4311 Kb 2. Bin (3, 5]: 113K objects, 2021 Kb
- 3. Bin (5, 7]: 85K objects, 1826 Kb 4. Bin (7, 14]: 110K objects, 3380 Kb
- 5. Bin (14, 27]: 112K objects, 3754 Kb 6. Bin (27, 41]: 130K objects, 9355 Kb
- 7. Bin (41, 51]: 7K objects, 174 Kb 8. Bin (51, 53]: 31K objects, 2374 Kb 9. Bin (53, 57]: 1K objects, 43 Kb
- 10. Bin (57, 63]: 13K objects, 848 Kb
- 11. Bin (63, 64]: 0K objects, 4 Kb 12. Bin (64, 112]: 6K objects, 195 Kb
- 13. Bin (112, 11147661]: 6K objects, 203 Kb

Histogram of bins of objects with age groups #6



Age proportions for each bin #6: 0. Bin (-1,2], Age-Proportions: [(2, 22.64), (0, 20.71), (1, 18.11), (3, 13.55), (4, 12.15), (5, 10.94), (6, 1.9)]

1. Bin (2,3], Age-Proportions: [(2, 27.31), (0, 26.62), (4, 18.58), (3, 14.11), (1, 12.26), (5, 0.67), (6, 0.44)] 2. Bin (3,5], Age-Proportions: [(0, 33.78), (2, 25.17), (4, 21.02), (3, 7.35), (1, 6.35), (5, 5.09), (6, 1.24)]

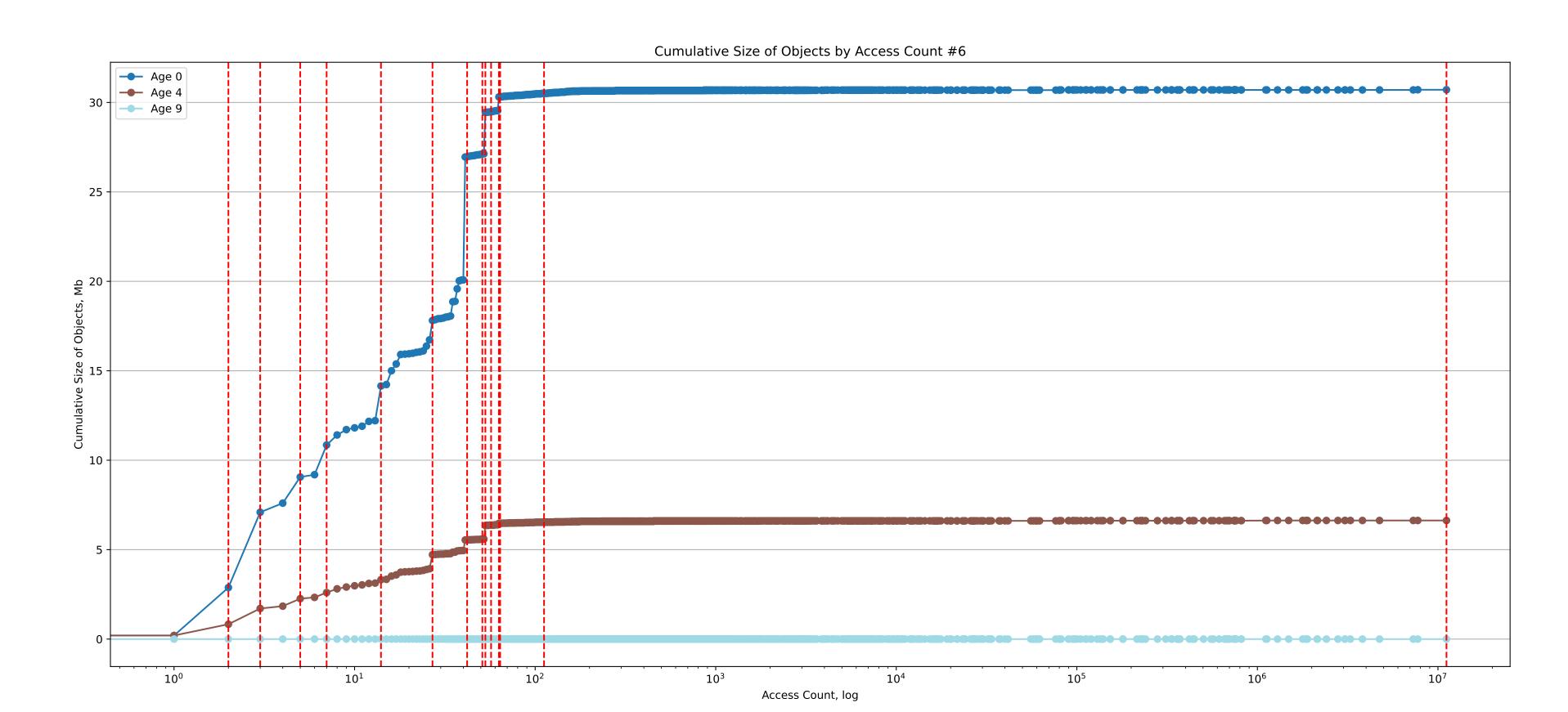
3. Bin (5,7], Age-Proportions: [(2, 26.24), (1, 24.63), (0, 19.92), (4, 10.88), (3, 10.35), (5, 7.12), (6, 0.86)] 4. Bin (7,14], Age-Proportions: [(1, 23.64), (2, 21.25), (0, 17.05), (5, 15.35), (3, 14.86), (4, 6.09), (6, 1.76)]

5. Bin (14,27], Age-Proportions: [(3, 20.67), (2, 18.8), (0, 17.05), (5, 15.89), (1, 15.25), (4, 10.26), (6, 2.08)] 6. Bin (27,41], Age-Proportions: [(3, 23.82), (2, 22.92), (0, 22.89), (1, 20.34), (4, 8.61), (5, 0.74), (6, 0.67)]

7. Bin (41,51], Age-Proportions: [(3, 24.94), (0, 22.02), (2, 18.74), (4, 12.07), (1, 10.93), (6, 6.89), (5, 4.4)] 8. Bin (51,53], Age-Proportions: [(2, 32.87), (0, 32.81), (4, 32.61), (3, 0.84), (1, 0.37), (5, 0.31), (6, 0.2)]

9. Bin (53,57], Age-Proportions: [(3, 23.63), (0, 22.21), (2, 18.02), (1, 12.9), (4, 12.41), (6, 6.7), (5, 4.14)] 10. Bin (57,63], Age-Proportions: [(3, 24.59), (2, 21.85), (0, 19.38), (1, 18.3), (4, 10.08), (5, 4.28), (6, 1.51)] 11. Bin (63,64], Age-Proportions: [(2, 20.85), (3, 20.38), (0, 16.59), (1, 16.59), (4, 10.9), (6, 8.53), (5, 6.16)]

12. Bin (64,112], Age-Proportions: [(2, 19.38), (0, 17.63), (3, 16.4), (1, 15.71), (5, 15.2), (4, 8.66), (6, 7.02)] 13. Bin (112,11147661], Age-Proportions: [(6, 17.82), (0, 16.65), (5, 15.79), (2, 15.64), (3, 12.97), (1, 12.18), (4, 8.96)]



```
Cumulative Size for bins Access Counts #6:
0. Bin (<2]: Age>=0(2.88 Mb, 9.37%), Age>=4(0.83 Mb, 2.72%), Age>=9(0.0 Mb, 0.0%)
```

1. Bin (<3]: Age>=0(7.09 Mb, 23.09%), Age>=4(1.71 Mb, 5.56%), Age>=9(0.0 Mb, 0.0%)

2. Bin (<5]: Age>=0(9.06 Mb, 29.52%), Age>=4(2.26 Mb, 7.36%), Age>=9(0.0 Mb, 0.0%) 3. Bin (<7]: Age>=0(10.85 Mb, 35.33%), Age>=4(2.6 Mb, 8.46%), Age>=9(0.0 Mb, 0.0%)

4. Bin (<14]: Age>=0(14.15 Mb, 46.08%), Age>=4(3.32 Mb, 10.83%), Age>=9(0.0 Mb, 0.0%)

5. Bin (<27]: Age>=0(17.81 Mb, 58.02%), Age>=4(4.72 Mb, 15.38%), Age>=9(0.0 Mb, 0.0%)

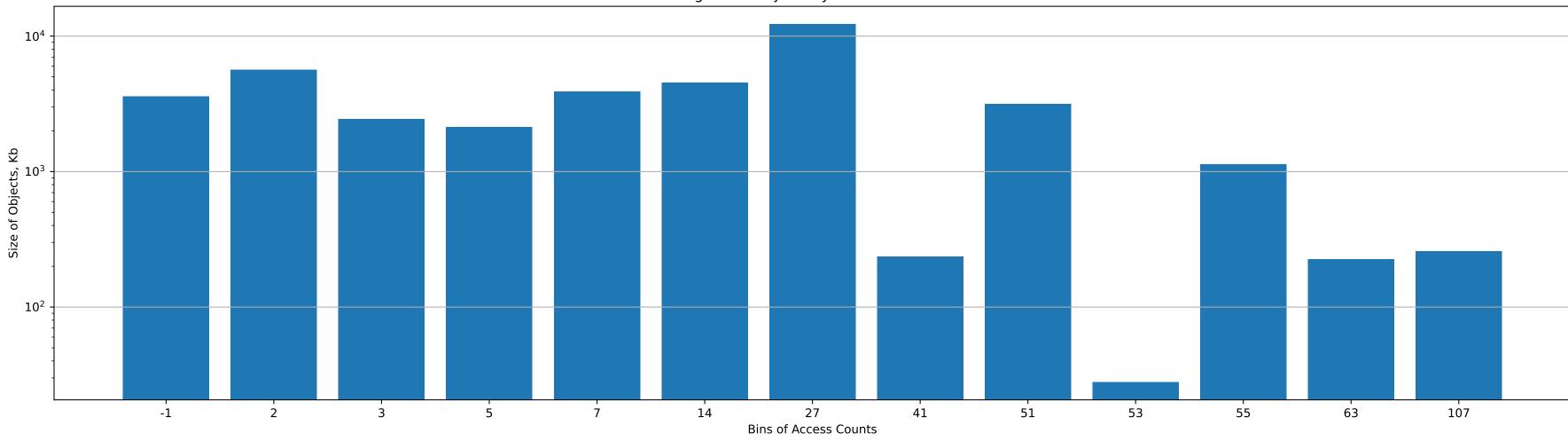
6. Bin (<41]: Age>=0(26.95 Mb, 87.77%), Age>=4(5.54 Mb, 18.04%), Age>=9(0.0 Mb, 0.0%) 7. Bin (<51]: Age>=0(27.12 Mb, 88.33%), Age>=4(5.58 Mb, 18.18%), Age>=9(0.0 Mb, 0.0%) 8. Bin (<53]: Age>=0(29.44 Mb, 95.88%), Age>=4(6.35 Mb, 20.7%), Age>=9(0.0 Mb, 0.0%)

9. Bin (<57]: Age>=0(29.48 Mb, 96.02%), Age>=4(6.37 Mb, 20.74%), Age>=9(0.0 Mb, 0.0%) 10. Bin (<63]: Age>=0(30.31 Mb, 98.72%), Age>=4(6.47 Mb, 21.07%), Age>=9(0.0 Mb, 0.0%)

11. Bin (<64]: Age>=0(30.32 Mb, 98.73%), Age>=4(6.47 Mb, 21.08%), Age>=9(0.0 Mb, 0.0%) 12. Bin (<112]: Age>=0(30.51 Mb, 99.35%), Age>=4(6.53 Mb, 21.28%), Age>=9(0.0 Mb, 0.0%)

13. Bin (<11147661]: Age>=0(30.71 Mb, 100.0%), Age>=4(6.63 Mb, 21.58%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #7



```
Total stats for each bin #7:
```

Number of non-array objects: \sim 1340 K, Total: \sim 1676.8 K Size of non-array objects: \sim 38.63 Mb, Total: \sim 61.98 Mb 0. Bin (-1, 2]: 220K objects, 3601 Kb

2. Bin (3, 5]: 141K objects, 2452 Kb 3. Bin (5, 7]: 100K objects, 2137 Kb

1. Bin (2, 3]: 357K objects, 5637 Kb

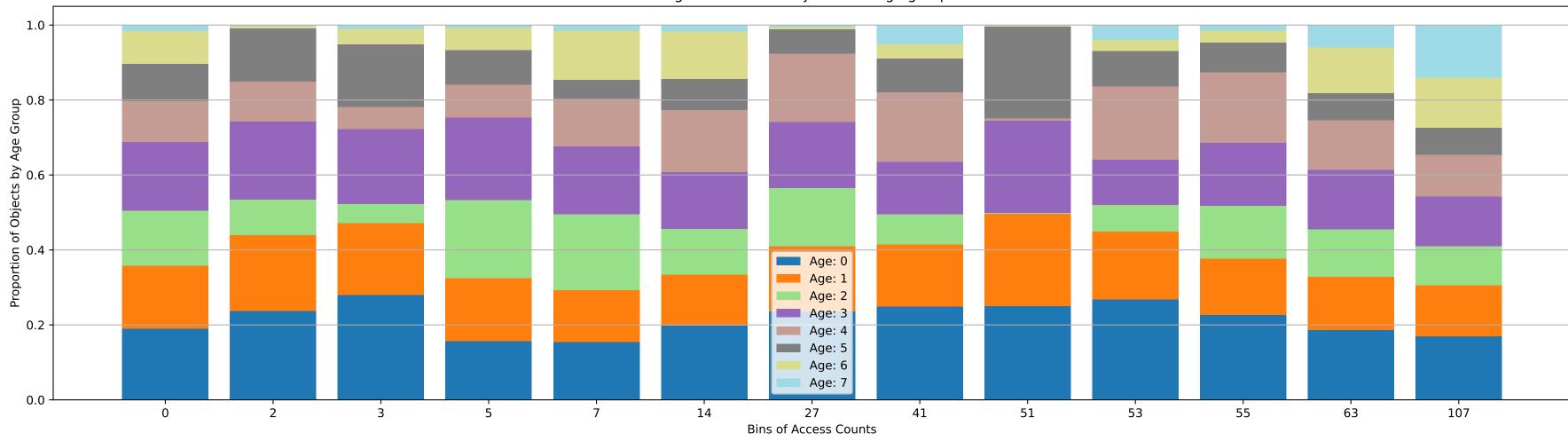
8. Bin (51, 53]: 41K objects, 3167 Kb

4. Bin (7, 14]: 129K objects, 3897 Kb 5. Bin (14, 27]: 140K objects, 4549 Kb

6. Bin (27, 41]: 170K objects, 12241 Kb 7. Bin (41, 51]: 9K objects, 236 Kb

9. Bin (53, 55]: 1K objects, 28 Kb 10. Bin (55, 63]: 17K objects, 1129 Kb

11. Bin (63, 107]: 7K objects, 226 Kb 12. Bin (107, 14497228]: 8K objects, 258 Kb



0. Bin (-1,2], Age-Proportions: [(0, 19.0), (3, 18.34), (1, 16.77), (2, 14.67), (4, 10.98), (5, 9.84), (6, 8.86), (7, 1.54)] 1. Bin (2,3], Age-Proportions: [(0, 23.75), (3, 20.83), (1, 20.29), (5, 14.17), (4, 10.76), (2, 9.35), (6, 0.51), (7, 0.33)]

2. Bin (3,5], Age-Proportions: [(0, 27.98), (3, 20.09), (1, 19.16), (5, 16.78), (4, 5.87), (2, 5.07), (6, 4.07), (7, 0.99)]

Age proportions for each bin #7:

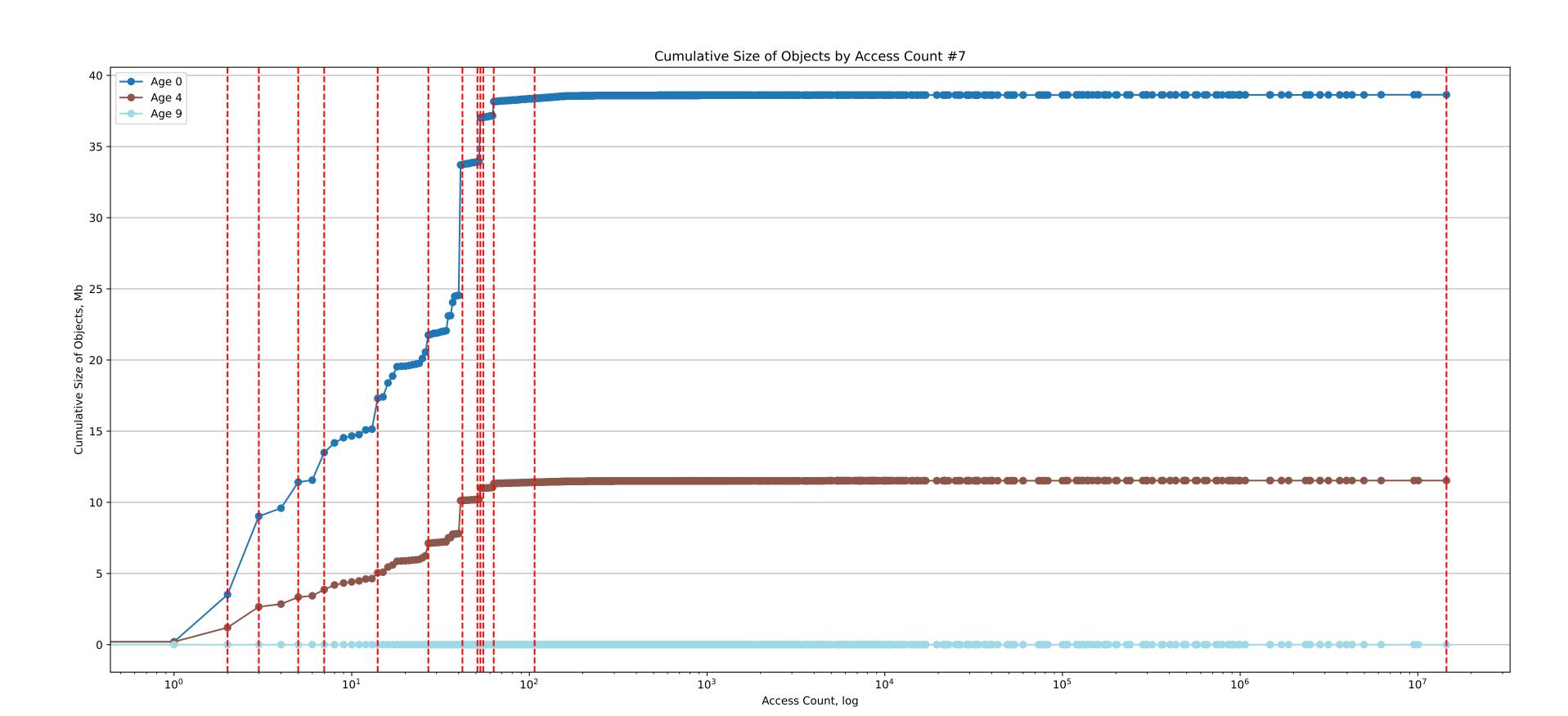
3. Bin (5,7], Age-Proportions: [(3, 22.12), (2, 20.76), (1, 16.79), (0, 15.71), (5, 9.18), (4, 8.72), (6, 6.0), (7, 0.72)] 4. Bin (7,14], Age-Proportions: [(2, 20.15), (3, 18.11), (0, 15.49), (1, 13.84), (6, 13.07), (4, 12.66), (5, 5.19), (7, 1.5)]

5. Bin (14,27], Age-Proportions: [(0, 19.86), (4, 16.59), (3, 15.09), (1, 13.56), (6, 12.75), (2, 12.24), (5, 8.23), (7, 1.67)] 6. Bin (27,41], Age-Proportions: [(0, 23.55), (4, 18.22), (3, 17.53), (1, 17.51), (2, 15.56), (5, 6.58), (6, 0.55), (7, 0.52)] 7. Bin (41,51], Age-Proportions: [(0, 24.94), (4, 18.59), (1, 16.5), (3, 13.98), (5, 9.0), (2, 8.15), (7, 5.13), (6, 3.71)]

8. Bin (51,53], Age-Proportions: [(0, 25.0), (3, 24.64), (1, 24.61), (5, 24.45), (4, 0.63), (2, 0.27), (6, 0.24), (7, 0.15)] 9. Bin (53,55], Age-Proportions: [(0, 26.88), (4, 19.42), (1, 18.02), (3, 12.19), (5, 9.45), (2, 7.09), (7, 3.99), (6, 2.95)]

10. Bin (55,63], Age-Proportions: [(0, 22.72), (4, 18.82), (3, 16.81), (1, 15.0), (2, 14.09), (5, 7.88), (6, 3.19), (7, 1.48)] 11. Bin (63,107], Age-Proportions: [(0, 18.65), (3, 15.78), (1, 14.2), (4, 13.35), (2, 12.67), (6, 12.16), (5, 7.21), (7, 5.96)]

12. Bin (107,14497228], Age-Proportions: [(0, 16.99), (7, 13.99), (1, 13.59), (6, 13.35), (3, 13.23), (4, 11.07), (2, 10.44), (5, 7.33)]



```
Cumulative Size for bins Access Counts #7:

0. Bin (<2]: Age>=0(3.52 Mb, 9.1%), Age>=4(1.2 Mb, 3.12%), Age>=9(0.0 Mb, 0.0%)

1. Bin (<3]: Age>=0(9.02 Mb, 23.35%), Age>=4(2.66 Mb, 6.89%), Age>=9(0.0 Mb, 0.0%)

2. Bin (<5]: Age>=0(11.42 Mb, 29.55%), Age>=4(3.34 Mb, 8.65%), Age>=9(0.0 Mb, 0.0%)
```

2. Bin (<5]: Age>=0(11.42 Mb, 29.55%), Age>=4(3.34 Mb, 8.65%), Age>=9(0.0 Mb, 0.0%) 3. Bin (<7]: Age>=0(13.5 Mb, 34.95%), Age>=4(3.87 Mb, 10.02%), Age>=9(0.0 Mb, 0.0%)

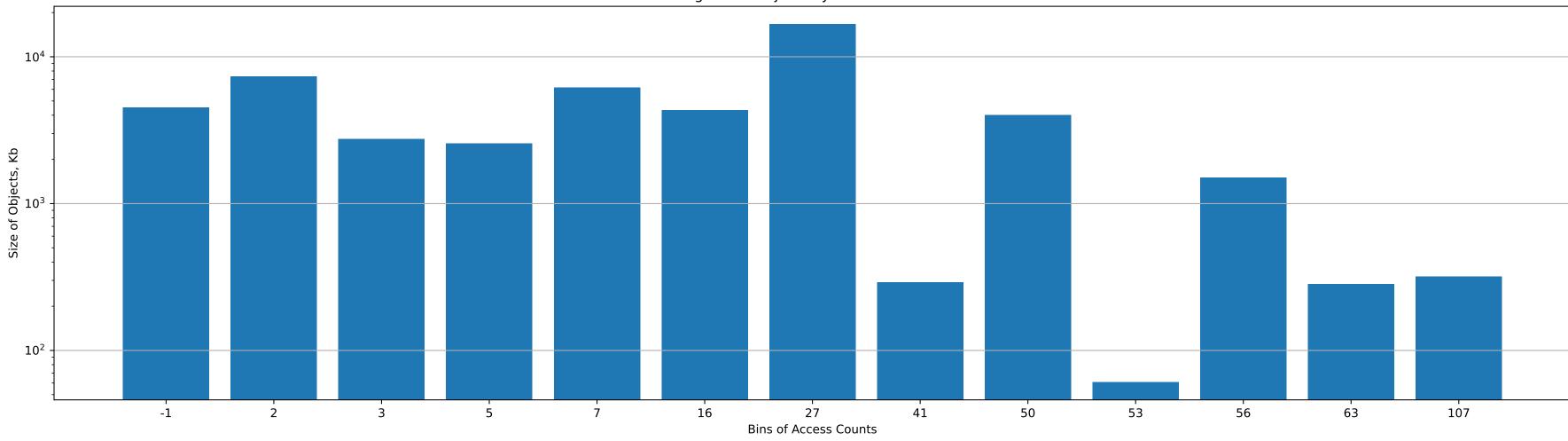
4. Bin (<14]: Age > = 0(17.31 Mb, 44.8%), Age > = 4(5.05 Mb, 13.08%), Age > = 9(0.0 Mb, 0.0%)

5. Bin (<27]: Age>=0(21.75 Mb, 56.3%), Age>=4(7.12 Mb, 18.42%), Age>=9(0.0 Mb, 0.0%)
6. Bin (<41]: Age>=0(33.71 Mb, 87.24%), Age>=4(10.12 Mb, 26.18%), Age>=9(0.0 Mb, 0.0%)

7. Bin (<51]: Age>=0(33.94 Mb, 87.84%), Age>=4(10.21 Mb, 26.42%), Age>=9(0.0 Mb, 0.0%)
8. Bin (<53]: Age>=0(37.03 Mb, 95.85%), Age>=4(10.99 Mb, 28.43%), Age>=9(0.0 Mb, 0.0%)
9. Bin (<55]: Age>=0(37.06 Mb, 95.92%), Age>=4(11.0 Mb, 28.46%), Age>=9(0.0 Mb, 0.0%)

10. Bin (<63]: Age>=0(38.16 Mb, 98.77%), Age>=4(11.32 Mb, 29.3%), Age>=9(0.0 Mb, 0.0%)
11. Bin (<107]: Age>=0(38.38 Mb, 99.35%), Age>=4(11.41 Mb, 29.53%), Age>=9(0.0 Mb, 0.0%)
12. Bin (<14497228]: Age>=0(38.64 Mb, 100.0%), Age>=4(11.53 Mb, 29.85%), Age>=9(0.0 Mb, 0.0%)

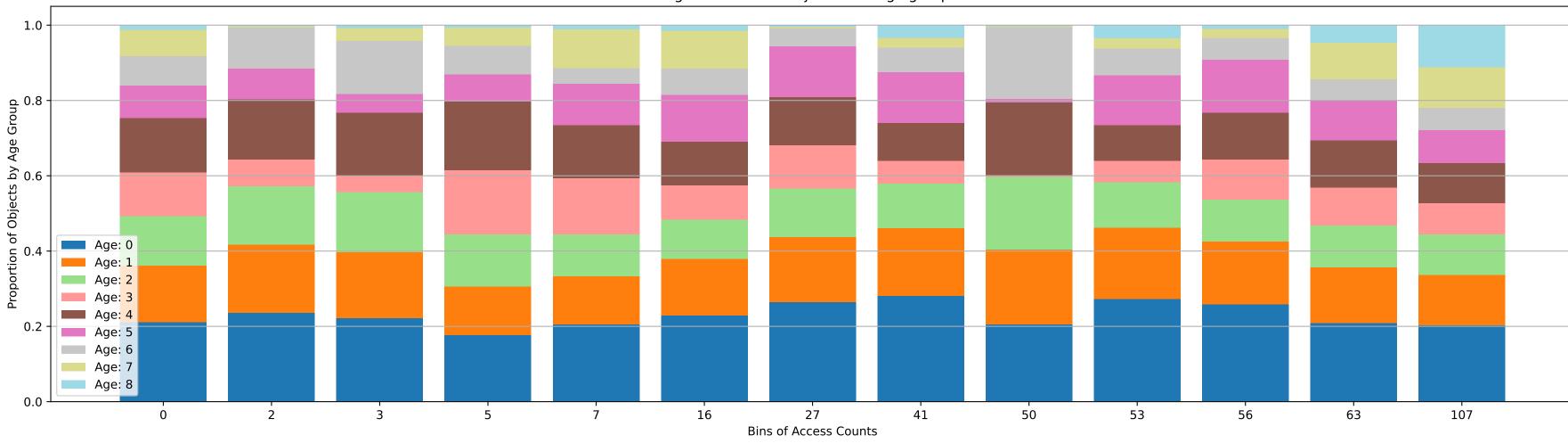
Histogram of Objects by Access Counts #8



```
Total stats for each bin #8:
```

Number of non-array objects: ~1718 K, Total: ~2157.82 K Size of non-array objects: ~49.67 Mb, Total: ~80.19 Mb 0. Bin (-1, 2]: 279K objects, 4523 Kb

- 1. Bin (2, 3]: 467K objects, 7361 Kb 2. Bin (3, 5]: 169K objects, 2763 Kb
- 3. Bin (5, 7]: 122K objects, 2580 Kb
- 4. Bin (7, 16]: 201K objects, 6186 Kb 5. Bin (16, 27]: 140K objects, 4324 Kb
- 6. Bin (27, 41]: 232K objects, 16662 Kb 7. Bin (41, 50]: 11K objects, 291 Kb
 - 8. Bin (50, 53]: 53K objects, 4001 Kb 9. Bin (53, 56]: 2K objects, 61 Kb
- 10. Bin (56, 63]: 23K objects, 1509 Kb
- 11. Bin (63, 107]: 9K objects, 284 Kb 12. Bin (107, 19218956]: 10K objects, 320 Kb



0. Bin (-1,2], Age-Proportions: [(0, 21.12), (1, 14.99), (4, 14.47), (2, 13.23), (3, 11.57), (5, 8.66), (6, 7.76), (7, 6.99), (8, 1.22)] 1. Bin (2,3], Age-Proportions: [(0, 23.61), (1, 18.14), (4, 15.91), (2, 15.5), (6, 10.83), (5, 8.22), (3, 7.14), (7, 0.39), (8, 0.25)] 2. Bin (3,5], Age-Proportions: [(0, 22.2), (1, 17.48), (4, 16.83), (2, 16.05), (6, 14.05), (5, 4.92), (3, 4.24), (7, 3.41), (8, 0.83)] 3. Bin (5,7], Age-Proportions: [(4, 18.21), (0, 17.66), (3, 17.1), (2, 13.82), (1, 12.93), (6, 7.55), (5, 7.18), (7, 4.94), (8, 0.6)]

Age proportions for each bin #8:

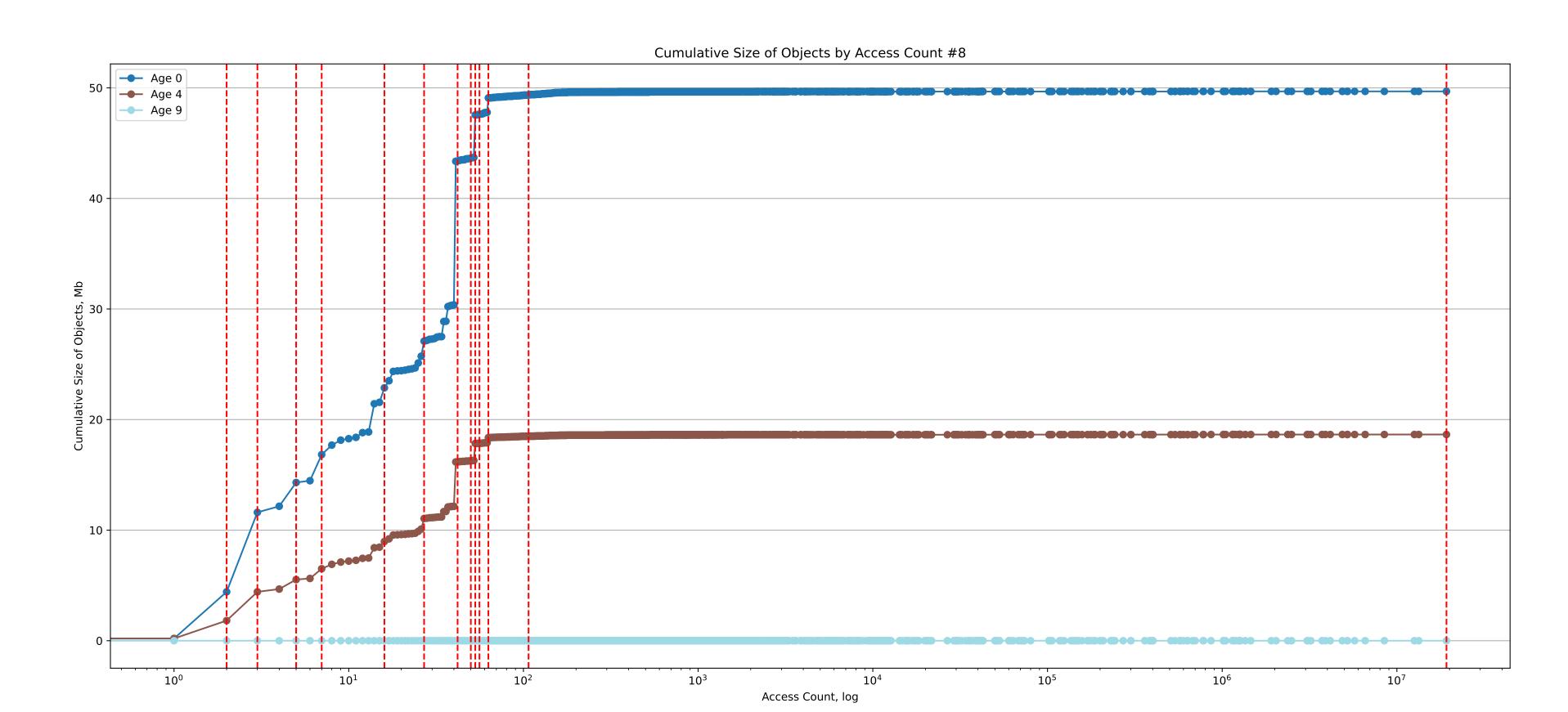
4. Bin (7,16], Age-Proportions: [(0, 20.52), (3, 15.03), (4, 14.0), (1, 12.86), (2, 11.03), (5, 11.03), (7, 10.2), (6, 4.2), (8, 1.13)] 5. Bin (16,27], Age-Proportions: [(0, 22.93), (1, 14.98), (5, 12.38), (4, 11.62), (2, 10.43), (7, 10.11), (3, 9.16), (6, 6.96), (8, 1.42)]

6. Bin (27,41], Age-Proportions: [(0, 26.47), (1, 17.31), (5, 13.4), (4, 12.89), (2, 12.87), (3, 11.44), (6, 4.84), (7, 0.4), (8, 0.38)] 7. Bin (41,50], Age-Proportions: [(0, 28.04), (1, 18.1), (5, 13.52), (2, 11.89), (4, 10.07), (6, 6.54), (3, 5.92), (8, 3.35), (7, 2.57)]

8. Bin (50,53], Age-Proportions: [(0, 20.52), (1, 19.89), (2, 19.38), (4, 19.34), (6, 19.06), (5, 0.91), (3, 0.4), (8, 0.31), (7, 0.2)] 9. Bin (53,56], Age-Proportions: [(0, 27.35), (1, 18.86), (5, 13.35), (2, 12.06), (4, 9.38), (6, 7.06), (3, 5.74), (8, 3.46), (7, 2.76)]

10. Bin (56,63], Age-Proportions: [(0, 25.84), (1, 16.77), (5, 14.0), (4, 12.5), (2, 11.14), (3, 10.55), (6, 5.78), (7, 2.45), (8, 0.97)] 11. Bin (63,107], Age-Proportions: [(0, 20.93), (1, 14.69), (4, 12.49), (2, 11.24), (5, 10.57), (3, 10.03), (7, 9.6), (6, 5.73), (8, 4.71)]

12. Bin (107,19218956], Age-Proportions: [(0, 20.34), (1, 13.31), (8, 11.16), (2, 10.84), (7, 10.82), (4, 10.55), (5, 8.82), (3, 8.32), (6, 5.84)]



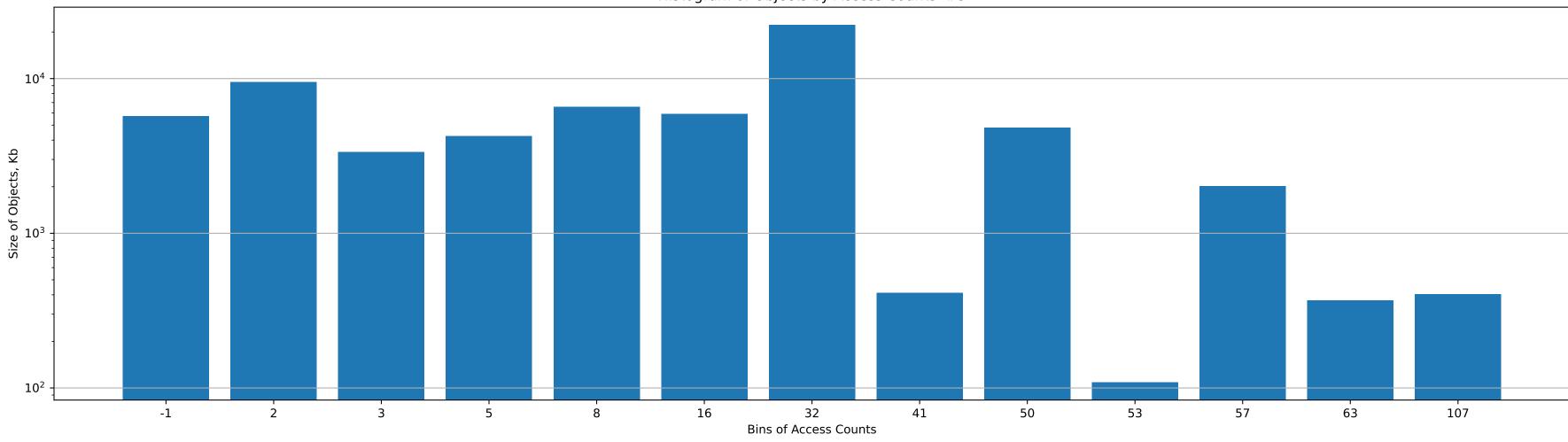
```
0. Bin (<2]: Age>=0(4.42 Mb, 8.89%), Age>=4(1.82 Mb, 3.66%), Age>=9(0.0 Mb, 0.0%)
1. Bin (<3]: Age>=0(11.61 Mb, 23.36%), Age>=4(4.42 Mb, 8.89%), Age>=9(0.0 Mb, 0.0%)
2. Bin (<5]: Age>=0(14.31 Mb, 28.8%), Age>=4(5.53 Mb, 11.13%), Age>=9(0.0 Mb, 0.0%)
3. Bin (<7]: Age>=0(16.83 Mb, 33.87%), Age>=4(6.51 Mb, 13.11%), Age>=9(0.0 Mb, 0.0%)
4. Bin (<16]: Age>=0(22.87 Mb, 46.03%), Age>=4(8.97 Mb, 18.05%), Age>=9(0.0 Mb, 0.0%)
```

- 5. Bin (<27]: Age>=0(27.09 Mb, 54.53%), Age>=4(11.05 Mb, 22.25%), Age>=9(0.0 Mb, 0.0%)
 6. Bin (<41]: Age>=0(43.36 Mb, 87.28%), Age>=4(16.17 Mb, 32.55%), Age>=9(0.0 Mb, 0.0%)
 7. Bin (<50]: Age>=0(43.65 Mb, 87.86%), Age>=4(16.27 Mb, 32.76%), Age>=9(0.0 Mb, 0.0%)
- 8. Bin (<53]: Age>=0(47.55 Mb, 95.72%), Age>=4(17.84 Mb, 35.9%), Age>=9(0.0 Mb, 0.0%)
 9. Bin (<56]: Age>=0(47.61 Mb, 95.84%), Age>=4(17.86 Mb, 35.95%), Age>=9(0.0 Mb, 0.0%)
 10. Bin (<63]: Age>=0(49.09 Mb, 98.81%), Age>=4(18.37 Mb, 36.98%), Age>=9(0.0 Mb, 0.0%)

Cumulative Size for bins Access Counts #8:

11. Bin (<107]: Age>=0(49.37 Mb, 99.37%), Age>=4(18.49 Mb, 37.23%), Age>=9(0.0 Mb, 0.0%)
12. Bin (<19218956]: Age>=0(49.68 Mb, 100.0%), Age>=4(18.65 Mb, 37.54%), Age>=9(0.0 Mb, 0.0%)

Histogram of Objects by Access Counts #9

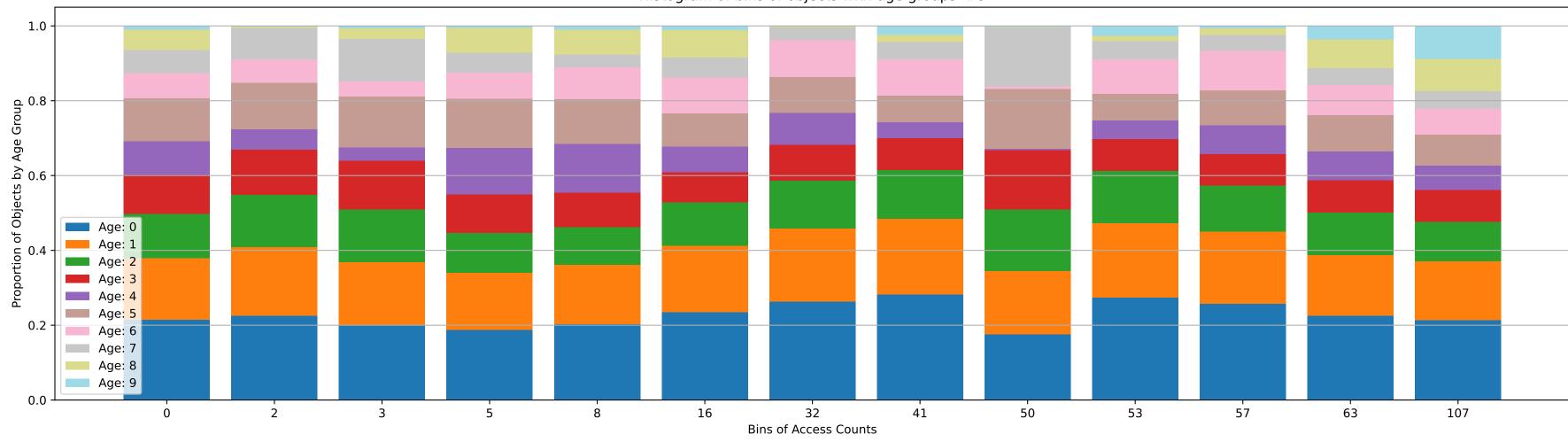


```
Total stats for each bin #9:
```

Number of non-array objects: \sim 2204 K, Total: \sim 2779.02 K Size of non-array objects: \sim 64.09 Mb, Total: \sim 103.02 Mb 0. Bin (-1, 2]: 355K objects, 5708 Kb

- 1. Bin (2, 3]: 604K objects, 9495 Kb 2. Bin (3, 5]: 208K objects, 3355 Kb
- 3. Bin (5, 8]: 197K objects, 4260 Kb 4. Bin (8, 16]: 204K objects, 6579 Kb
- 5. Bin (16, 32]: 200K objects, 5921 Kb
- 6. Bin (32, 41]: 297K objects, 22184 Kb 7. Bin (41, 50]: 15K objects, 411 Kb 8. Bin (50, 53]: 65K objects, 4819 Kb
 - 9. Bin (53, 57]: 4K objects, 109 Kb
 - 10. Bin (57, 63]: 30K objects, 2016 Kb
 - 11. Bin (63, 107]: 12K objects, 367 Kb 12. Bin (107, 25285011]: 13K objects, 404 Kb

Histogram of bins of objects with age groups #9



0. Bin (-1,2], Age-Proportions: [(0, 21.42), (1, 16.54), (2, 11.79), (5, 11.38), (3, 10.4), (4, 9.1), (6, 6.81), (7, 6.1), (8, 5.5), (9, 0.96)] 1. Bin (2,3], Age-Proportions: [(0, 22.59), (1, 18.29), (2, 14.04), (5, 12.31), (3, 12.0), (7, 8.38), (6, 6.36), (4, 5.53), (8, 0.3), (9, 0.2)] 2. Bin (3,5], Age-Proportions: [(0, 19.96), (1, 16.83), (2, 14.2), (5, 13.67), (3, 13.04), (7, 11.42), (6, 3.99), (4, 3.45), (8, 2.77), (9, 0.67)]

3. Bin (5,8], Age-Proportions: [(0, 18.75), (1, 15.27), (5, 13.19), (4, 12.38), (2, 10.69), (3, 10.32), (6, 6.92), (8, 6.63), (7, 5.34), (9, 0.5)]

Age proportions for each bin #9:

4. Bin (8,16], Age-Proportions: [(0, 20.34), (1, 15.85), (4, 13.07), (5, 11.94), (2, 10.07), (3, 9.16), (6, 8.49), (8, 6.6), (7, 3.5), (9, 0.99)] 5. Bin (16,32], Age-Proportions: [(0, 23.52), (1, 17.72), (2, 11.59), (6, 9.53), (5, 8.88), (3, 8.05), (8, 7.32), (4, 6.91), (7, 5.32), (9, 1.15)]

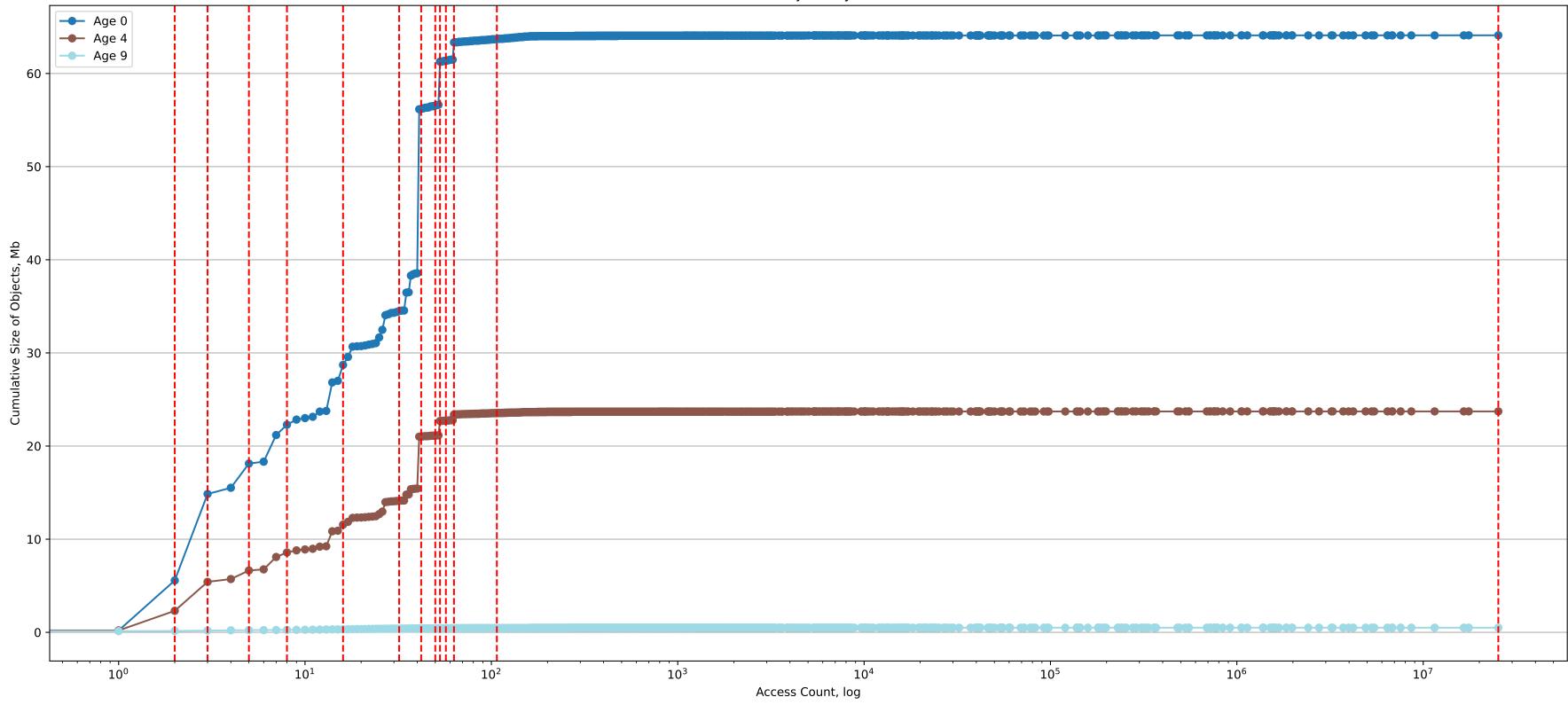
6. Bin (32,41], Age-Proportions: [(0, 26.37), (1, 19.53), (2, 12.76), (6, 9.86), (5, 9.56), (3, 9.54), (4, 8.59), (7, 3.47), (9, 0.19), (8, 0.13)]

7. Bin (41,50], Age-Proportions: [(0, 28.23), (1, 20.29), (2, 12.95), (6, 9.67), (3, 8.5), (5, 7.2), (7, 4.68), (4, 4.24), (9, 2.4), (8, 1.85)]

8. Bin (50,53], Age-Proportions: [(0, 17.57), (1, 16.93), (2, 16.39), (3, 15.97), (5, 15.94), (7, 15.71), (6, 0.75), (4, 0.33), (9, 0.26), (8, 0.17)] 9. Bin (53,57], Age-Proportions: [(0, 27.38), (1, 19.94), (2, 13.9), (6, 9.25), (3, 8.51), (5, 7.06), (4, 5.05), (7, 4.86), (9, 2.62), (8, 1.43)]

10. Bin (57,63], Age-Proportions: [(0, 25.77), (1, 19.22), (2, 12.39), (6, 10.49), (5, 9.33), (3, 8.3), (4, 7.81), (7, 4.3), (8, 1.75), (9, 0.65)] 11. Bin (63,107], Age-Proportions: [(0, 22.49), (1, 16.3), (2, 11.33), (5, 9.63), (3, 8.67), (6, 8.15), (4, 7.73), (8, 7.65), (7, 4.42), (9, 3.63)] 12. Bin (107,25285011], Age-Proportions: [(0, 21.35), (1, 15.8), (2, 10.48), (9, 8.78), (8, 8.66), (3, 8.53), (5, 8.3), (6, 6.95), (4, 6.55), (7, 4.6)]





```
Cumulative Size for bins Access Counts #9:
0. Bin (<2]: Age>=0(5.57 Mb, 8.7%), Age>=4(2.31 Mb, 3.61%), Age>=9(0.15 Mb, 0.24%)
```

1. Bin (<3]: Age>=0(14.85 Mb, 23.17%), Age>=4(5.42 Mb, 8.45%), Age>=9(0.19 Mb, 0.3%)

2. Bin (<5]: Age>=0(18.12 Mb, 28.28%), Age>=4(6.64 Mb, 10.36%), Age>=9(0.23 Mb, 0.36%) 3. Bin (<8]: Age>=0(22.29 Mb, 34.77%), Age>=4(8.57 Mb, 13.38%), Age>=9(0.26 Mb, 0.41%)

7. Bin (<50]: Age>=0(56.56 Mb, 88.24%), Age>=4(21.13 Mb, 32.96%), Age>=9(0.43 Mb, 0.67%)

10. Bin (<63]: Age>=0(63.34 Mb, 98.82%), Age>=4(23.39 Mb, 36.49%), Age>=9(0.44 Mb, 0.69%)

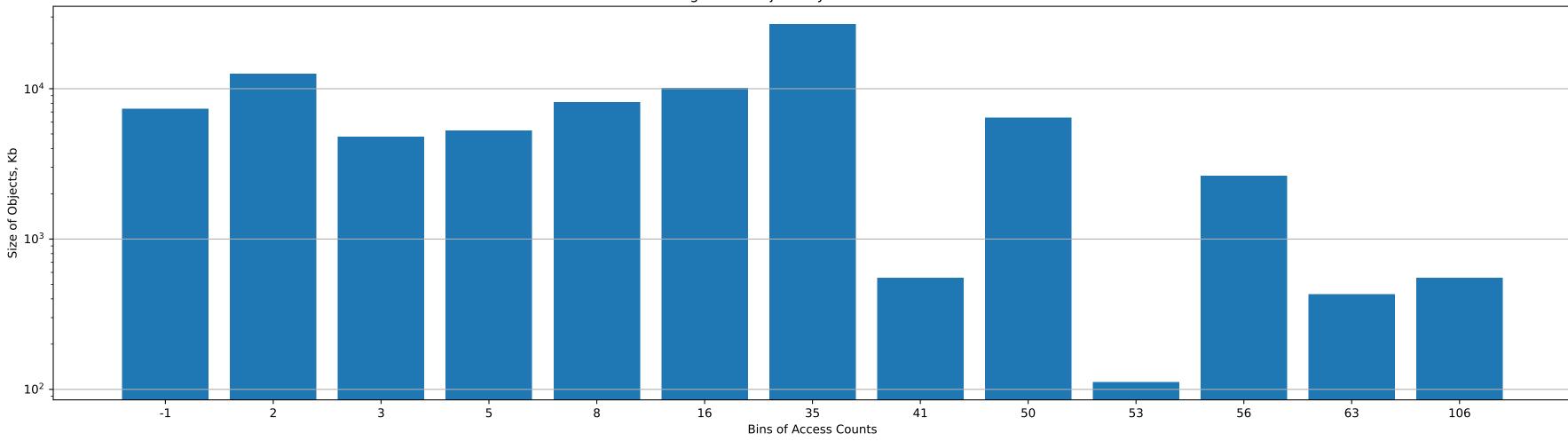
4. Bin (<16]: Age>=0(28.71 Mb, 44.79%), Age>=4(11.56 Mb, 18.03%), Age>=9(0.33 Mb, 0.51%)

5. Bin (<32]: Age>=0(34.49 Mb, 53.81%), Age>=4(14.13 Mb, 22.05%), Age>=9(0.4 Mb, 0.63%) 6. Bin (<41]: Age>=0(56.16 Mb, 87.62%), Age>=4(21.01 Mb, 32.78%), Age>=9(0.42 Mb, 0.65%)

8. Bin (<53]: Age>=0(61.27 Mb, 95.59%), Age>=4(22.69 Mb, 35.41%), Age>=9(0.43 Mb, 0.68%) 9. Bin (<57]: Age>=0(61.37 Mb, 95.75%), Age>=4(22.73 Mb, 35.46%), Age>=9(0.44 Mb, 0.68%)

11. Bin (<107]: Age>=0(63.7 Mb, 99.38%), Age>=4(23.54 Mb, 36.73%), Age>=9(0.46 Mb, 0.72%) 12. Bin (<25285011]: Age>=0(64.1 Mb, 100.0%), Age>=4(23.72 Mb, 37.01%), Age>=9(0.5 Mb, 0.78%)

Histogram of Objects by Access Counts #10

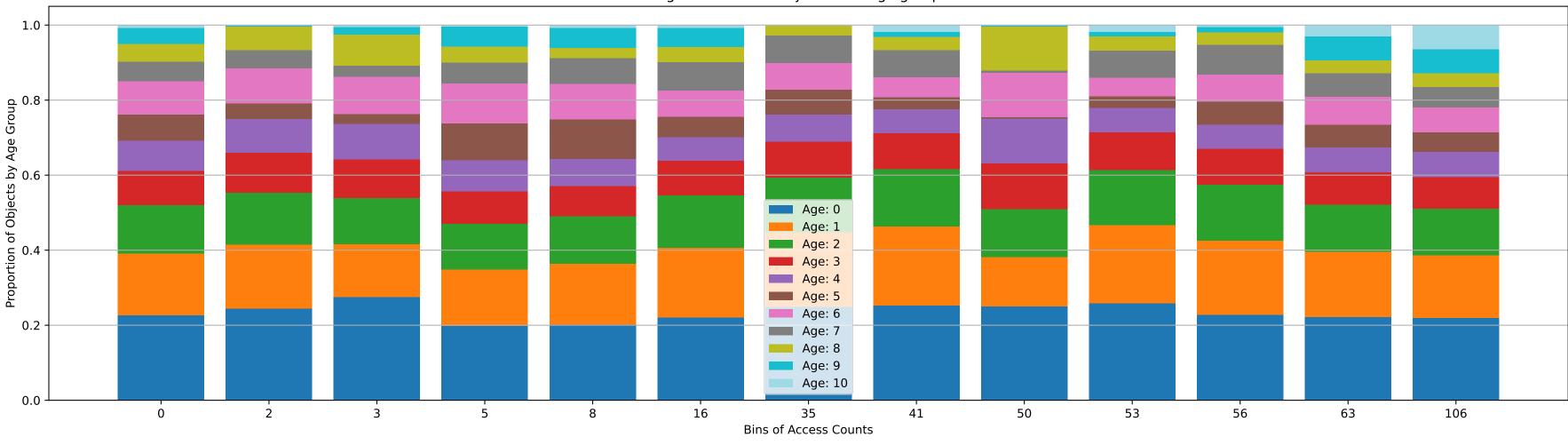


```
Total stats for each bin #10:
Number of non-array objects: ~2883 K, Total: ~3626.97 K
Size of non-array objects: ~83.77 Mb, Total: ~134.91 Mb
```

0. Bin (-1, 2]: 459K objects, 7331 Kb 1. Bin (2, 3]: 799K objects, 12547 Kb

- 2. Bin (3, 5]: 285K objects, 4787 Kb 3. Bin (5, 8]: 246K objects, 5273 Kb
- 4. Bin (8, 16]: 256K objects, 8166 Kb 5. Bin (16, 35]: 296K objects, 10111 Kb
- 6. Bin (35, 41]: 356K objects, 26855 Kb 7. Bin (41, 50]: 21K objects, 553 Kb 8. Bin (50, 53]: 87K objects, 6428 Kb
 - 9. Bin (53, 56]: 5K objects, 112 Kb
 - 10. Bin (56, 63]: 40K objects, 2637 Kb
 - 11. Bin (63, 106]: 15K objects, 430 Kb 12. Bin (106, 33423567]: 18K objects, 552 Kb

Histogram of bins of objects with age groups #10



0. Bin (-1,2], Age-Proportions: [(0, 22.63), (1, 16.57), (2, 12.8), (3, 9.12), (6, 8.81), (4, 8.05), (5, 7.04), (7, 5.27), (8, 4.72), (9, 4.25), (10, 0.74)]
1. Bin (2,3], Age-Proportions: [(0, 24.44), (1, 17.06), (2, 13.82), (3, 10.61), (6, 9.31), (4, 9.07), (8, 6.33), (7, 4.81), (5, 4.18), (9, 0.23), (10, 0.15)]
2. Bin (3,5], Age-Proportions: [(0, 27.53), (1, 14.08), (2, 12.28), (3, 10.36), (6, 9.97), (4, 9.51), (8, 8.33), (7, 2.91), (5, 2.52), (9, 2.02), (10, 0.49)]
3. Bin (5,8], Age-Proportions: [(0, 19.79), (1, 15.05), (2, 12.24), (6, 10.58), (5, 9.93), (3, 8.58), (4, 8.28), (7, 5.55), (9, 5.32), (8, 4.28), (10, 0.4)]
4. Bin (8,16], Age-Proportions: [(0, 20.23), (1, 16.17), (2, 12.65), (5, 10.44), (6, 9.53), (3, 8.04), (4, 7.32), (7, 6.77), (9, 5.27), (8, 2.79), (10, 0.79)]
5. Bin (16,35], Age-Proportions: [(0, 22.11), (1, 18.61), (2, 13.99), (3, 9.15), (7, 7.54), (6, 6.98), (4, 6.32), (5, 5.45), (9, 5.0), (8, 4.04), (10, 0.82)]

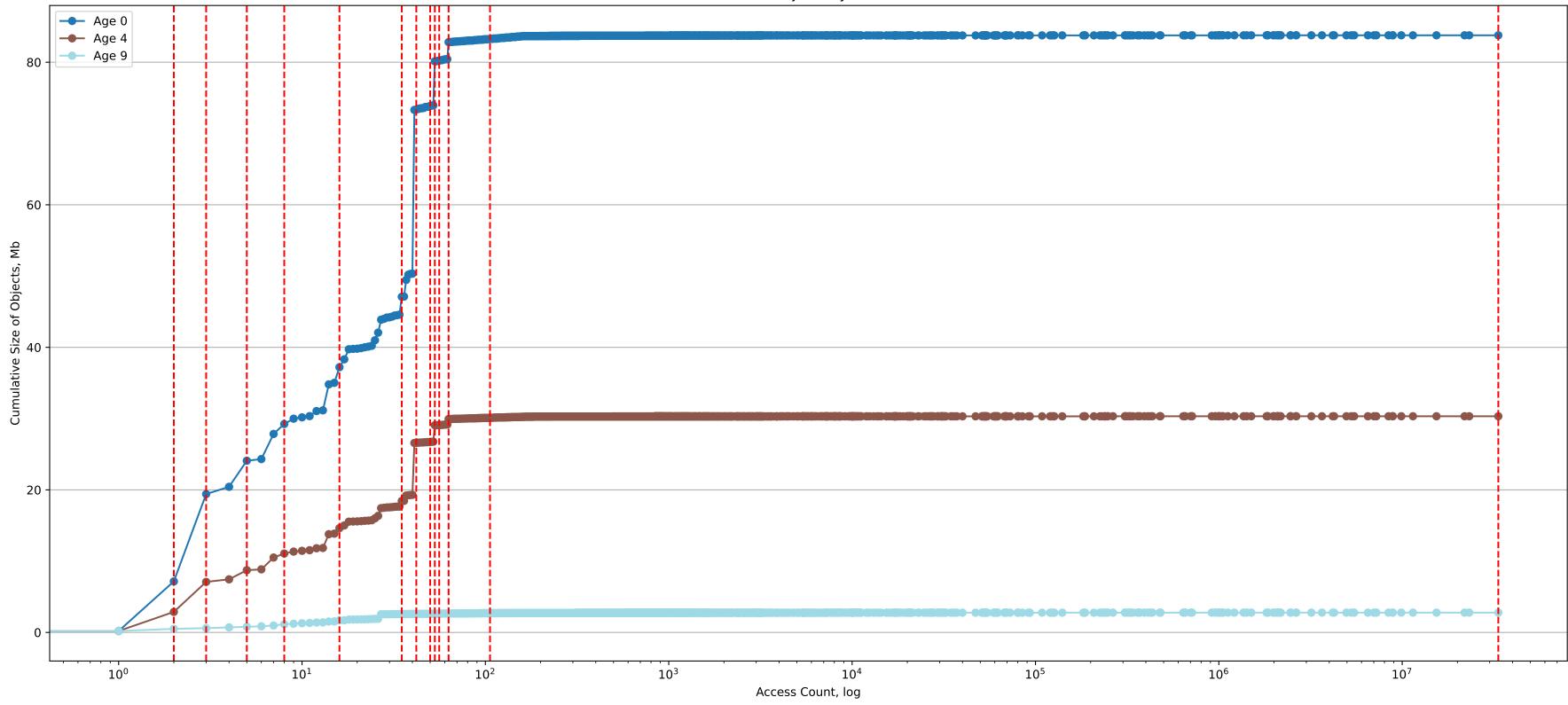
Age proportions for each bin #10:

5. Bin (16,35], Age-Proportions: [(0, 22.11), (1, 18.61), (2, 13.99), (3, 9.15), (7, 7.54), (6, 6.98), (4, 6.32), (5, 5.45), (9, 5.0), (8, 4.04), (10, 0.82)]
6. Bin (35,41], Age-Proportions: [(0, 24.94), (1, 19.79), (2, 14.66), (3, 9.58), (7, 7.34), (4, 7.24), (6, 7.17), (5, 6.54), (8, 2.54), (10, 0.12), (9, 0.08)]
7. Bin (41,50], Age-Proportions: [(0, 25.23), (1, 21.19), (2, 15.15), (3, 9.67), (7, 7.22), (4, 6.35), (6, 5.38), (8, 3.49), (5, 3.16), (10, 1.79), (9, 1.36)]

8. Bin (50,53], Age-Proportions: [(0, 25.04), (1, 13.17), (2, 12.69), (3, 12.29), (4, 11.97), (6, 11.95), (8, 11.77), (7, 0.56), (5, 0.25), (10, 0.19), (9, 0.13)]
9. Bin (53,56], Age-Proportions: [(0, 25.89), (1, 20.82), (2, 14.63), (3, 10.12), (7, 7.16), (4, 6.47), (6, 5.03), (8, 3.77), (5, 3.08), (10, 1.85), (9, 1.18)]
10. Bin (56,63], Age-Proportions: [(0, 22.71), (1, 19.88), (2, 14.89), (3, 9.63), (7, 8.04), (6, 7.18), (4, 6.4), (5, 6.06), (8, 3.32), (9, 1.34), (10, 0.55)]

11. Bin (63,106], Age-Proportions: [(0, 22.19), (1, 17.36), (2, 12.62), (3, 8.62), (6, 7.46), (4, 6.6), (9, 6.37), (7, 6.31), (5, 6.04), (8, 3.41), (10, 3.02)]
12. Bin (106,33423567], Age-Proportions: [(0, 21.96), (1, 16.72), (2, 12.43), (3, 8.39), (4, 6.79), (6, 6.58), (10, 6.44), (9, 6.4), (7, 5.52), (5, 5.16), (8, 3.61)]





```
0. Bin (<2]: Age>=0(7.16 Mb, 8.55%), Age>=4(2.88 Mb, 3.44%), Age>=9(0.5 Mb, 0.6%)
1. Bin (<3]: Age>=0(19.41 Mb, 23.17%), Age>=4(7.09 Mb, 8.46%), Age>=9(0.6 Mb, 0.72%)
2. Bin (<5]: Age>=0(24.09 Mb, 28.75%), Age>=4(8.73 Mb, 10.41%), Age>=9(0.79 Mb, 0.95%)
3. Bin (<8]: Age>=0(29.24 Mb, 34.9%), Age>=4(11.07 Mb, 13.21%), Age>=9(1.15 Mb, 1.38%)
```

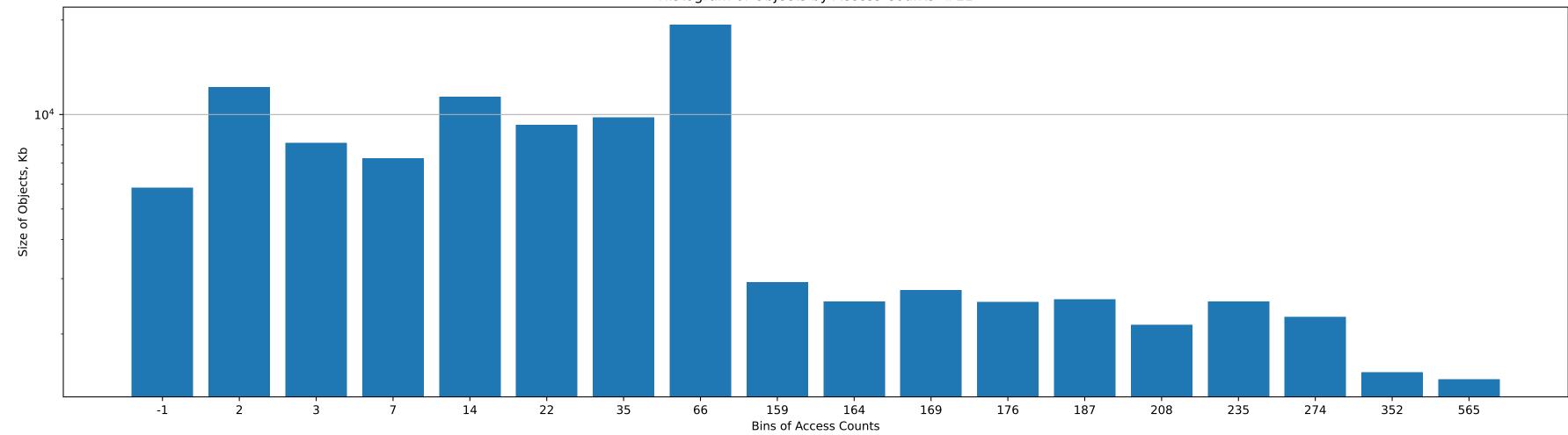
- 3. Bin (<8]: Age>=0(29.24 Mb, 34.9%), Age>=4(11.07 Mb, 13.21%), Age>=9(1.15 Mb, 1.38%) 4. Bin (<16]: Age>=0(37.21 Mb, 44.42%), Age>=4(14.63 Mb, 17.47%), Age>=9(1.68 Mb, 2.0%)
- 4. Bin (<16]: Age>=0(37.21 Mb, 44.42%), Age>=4(14.63 Mb, 17.47%), Age>=9(1.68 Mb, 2.0%) 5. Bin (<35]: Age>=0(47.09 Mb, 56.2%), Age>=4(18.45 Mb, 22.02%), Age>=9(2.58 Mb, 3.08%)
- 7. Bin (<50]: Age>=0(73.86 Mb, 88.15%), Age>=4(26.73 Mb, 31.91%), Age>=9(2.62 Mb, 3.13%)
 8. Bin (<53]: Age>=0(80.13 Mb, 95.65%), Age>=4(29.07 Mb, 34.7%), Age>=9(2.63 Mb, 3.14%)

6. Bin (<41]: Age>=0(73.31 Mb, 87.51%), Age>=4(26.58 Mb, 31.73%), Age>=9(2.6 Mb, 3.1%)

Cumulative Size for bins Access Counts #10:

- 9. Bin (<56]: Age>=0(80.24 Mb, 95.78%), Age>=4(29.1 Mb, 34.73%), Age>=9(2.63 Mb, 3.14%)
 10. Bin (<63]: Age>=0(82.82 Mb, 98.85%), Age>=4(29.94 Mb, 35.74%), Age>=9(2.65 Mb, 3.17%)
- 11. Bin (<106]: Age>=0(83.24 Mb, 99.36%), Age>=4(30.11 Mb, 35.94%), Age>=9(2.7 Mb, 3.22%)
 12. Bin (<33423567]: Age>=0(83.78 Mb, 100.0%), Age>=4(30.33 Mb, 36.21%), Age>=9(2.78 Mb, 3.32%)

Histogram of Objects by Access Counts #11



```
Total stats for each bin #11:

Number of non-array objects: ~3533 K, Total: ~4384.75 K

Size of non-array objects: ~103.85 Mb, Total: ~158.34 Mb

0. Bin (-1, 2]: 363K objects, 5839 Kb

1. Bin (2, 3]: 777K objects, 12208 Kb

2. Bin (3, 7]: 440K objects, 8104 Kb

3. Bin (7, 14]: 250K objects, 7257 Kb

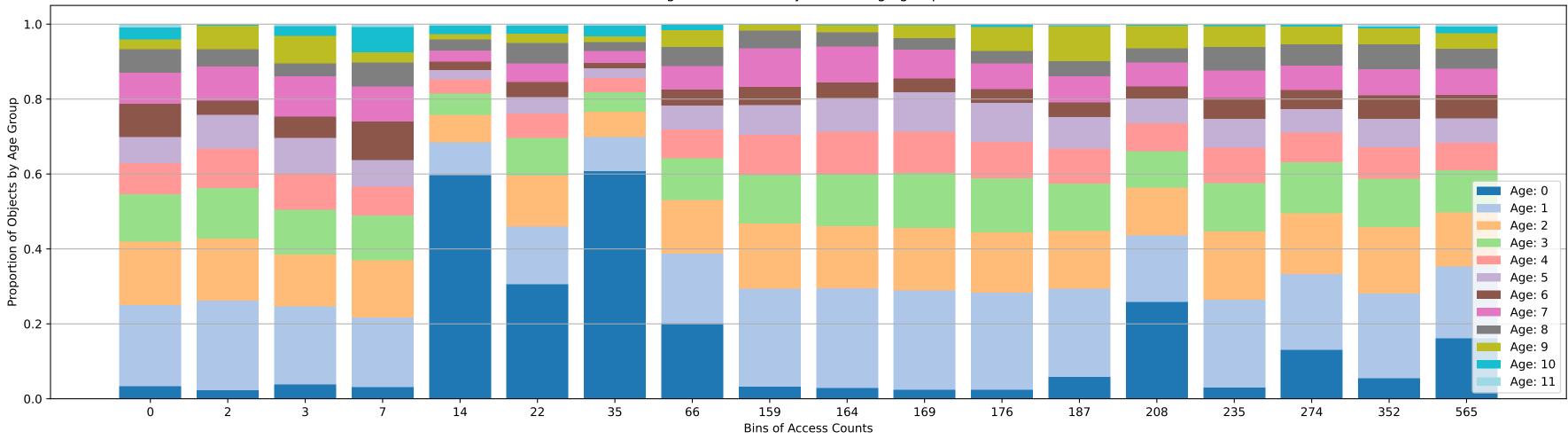
4. Bin (14, 22]: 365K objects, 11388 Kb

5. Bin (22, 35]: 302K objects, 9248 Kb
```

17. Bin (565, 120704655]: 34K objects, 1435 Kb

6. Bin (35, 66]: 344K objects, 9793 Kb
7. Bin (66, 159]: 349K objects, 19304 Kb
8. Bin (159, 164]: 38K objects, 2921 Kb
9. Bin (164, 169]: 32K objects, 2538 Kb
10. Bin (169, 176]: 35K objects, 2757 Kb
11. Bin (176, 187]: 33K objects, 2530 Kb
12. Bin (187, 208]: 35K objects, 2579 Kb
13. Bin (208, 235]: 33K objects, 2135 Kb
14. Bin (235, 274]: 34K objects, 2532 Kb
15. Bin (274, 352]: 36K objects, 2263 Kb
16. Bin (352, 565]: 33K objects, 1511 Kb

Histogram of bins of objects with age groups #11

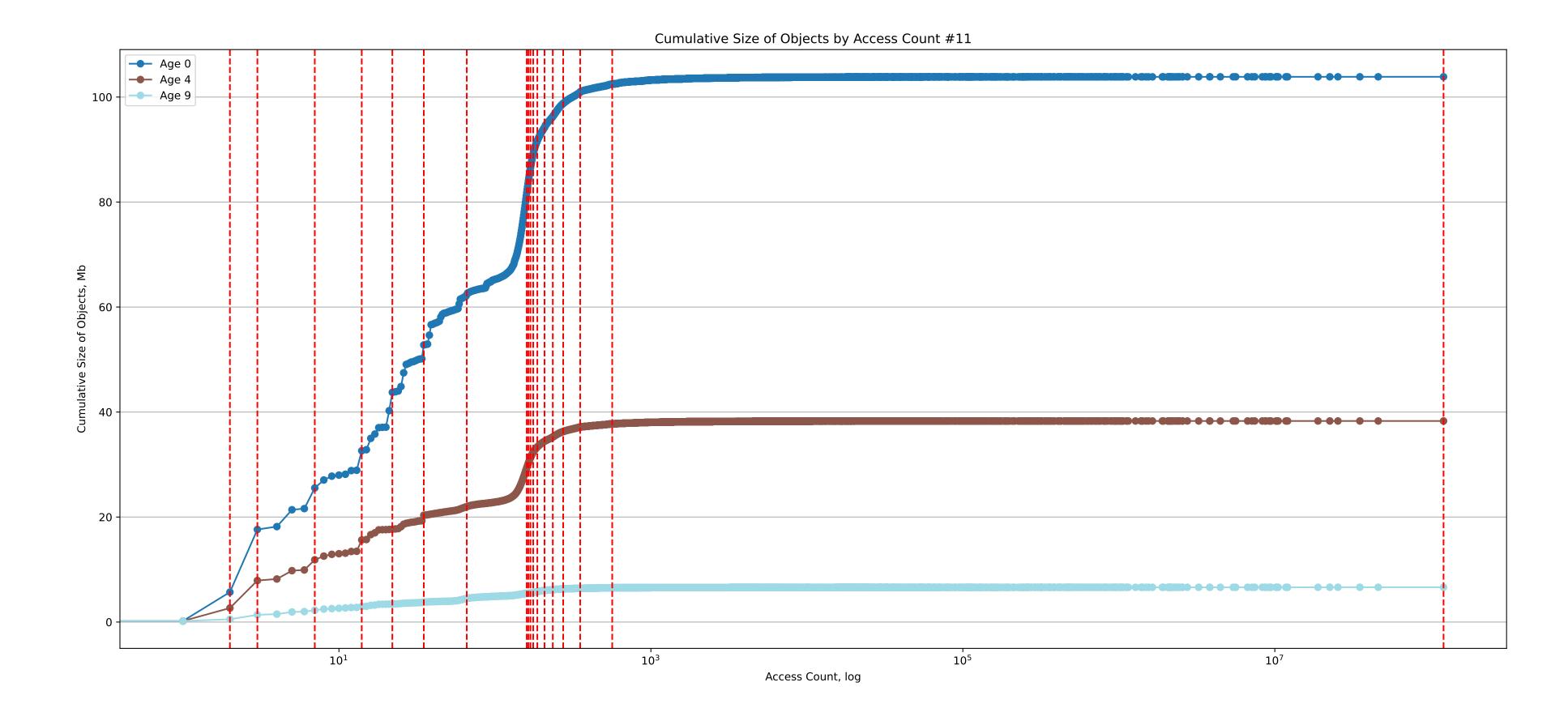


```
0. Bin (-1,2], Age-Proportions: [(1, 21.6), (2, 17.01), (3, 12.6), (6, 8.88), (4, 8.23), (7, 8.2), (5, 7.1), (8, 6.26), (0, 3.42), (10, 3.18), (9, 2.58), (11, 0.93)]
1. Bin (2,3], Age-Proportions: [(1, 24.01), (2, 16.55), (3, 13.52), (4, 10.5), (7, 9.13), (5, 8.94), (9, 6.37), (8, 4.53), (6, 3.85), (0, 2.25), (10, 0.2), (11, 0.15)]
2. Bin (3,7], Age-Proportions: [(1, 20.94), (2, 13.86), (3, 11.93), (7, 10.85), (4, 9.7), (5, 9.51), (9, 7.31), (6, 5.63), (0, 3.77), (8, 3.34), (10, 2.68), (11, 0.48)]
3. Bin (7,14], Age-Proportions: [(1, 18.54), (2, 15.29), (3, 11.97), (6, 10.33), (7, 9.31), (4, 7.63), (5, 7.09), (10, 6.73), (8, 6.42), (0, 3.19), (9, 2.72), (11, 0.77)]
4. Bin (14,22], Age-Proportions: [(0, 59.73), (1, 8.79), (2, 7.3), (3, 5.71), (4, 3.7), (8, 3.06), (7, 2.88), (5, 2.57), (6, 2.26), (10, 2.13), (9, 1.44), (11, 0.43)]
5. Bin (22,35], Age-Proportions: [(0, 30.54), (1, 15.49), (2, 13.62), (3, 10.02), (4, 6.53), (8, 5.43), (7, 4.93), (5, 4.43), (6, 3.94), (9, 2.58), (10, 2.09), (11, 0.4)]
6. Bin (35,66], Age-Proportions: [(0, 60.84), (1, 9.01), (2, 6.8), (3, 5.16), (4, 3.85), (7, 3.22), (10, 2.82), (5, 2.56), (8, 2.31), (9, 1.58), (6, 1.46), (11, 0.39)]
7. Bin (66,159], Age-Proportions: [(0, 20.22), (1, 18.51), (2, 14.39), (3, 11.07), (4, 7.73), (5, 6.42), (7, 6.37), (8, 5.04), (9, 4.46), (6, 4.19), (10, 1.39), (11, 0.22)]
8. Bin (159,164], Age-Proportions: [(1, 26.07), (2, 17.44), (3, 12.86), (4, 10.76), (7, 10.37), (5, 7.95), (6, 4.83), (8, 4.75), (0, 2.91), (9, 1.97), (10, 0.15), (11, 0.07)]
9. Bin (169,176], Age-Proportions: [(1, 26.58), (2, 16.64), (3, 13.69), (4, 11.56), (7, 9.68), (5, 8.9), (6, 4.14), (8, 3.7), (0, 2.91), (9, 1.97), (10, 0.15), (11, 0.06)]
```

11. Bin (176,187], Age-Proportions: [(1, 26.0), (2, 16.02), (3, 14.42), (5, 10.53), (4, 9.7), (7, 6.93), (9, 6.45), (6, 3.61), (8, 3.22), (0, 2.38), (10, 0.56), (11, 0.16)]
12. Bin (187,208], Age-Proportions: [(1, 23.5), (2, 15.4), (3, 12.67), (9, 9.35), (4, 9.34), (5, 8.49), (7, 7.07), (0, 5.91), (8, 3.96), (6, 3.79), (10, 0.26), (11, 0.26)]
13. Bin (208,235], Age-Proportions: [(0, 25.85), (1, 17.85), (2, 12.67), (3, 9.67), (4, 7.56), (5, 6.59), (7, 6.42), (9, 6.02), (8, 3.77), (6, 3.21), (11, 0.2), (10, 0.19)]
14. Bin (235,274], Age-Proportions: [(1, 23.36), (2, 18.3), (3, 12.9), (4, 9.46), (5, 7.62), (7, 7.27), (8, 6.33), (6, 5.65), (9, 5.52), (0, 3.06), (10, 0.33), (11, 0.18)]
15. Bin (274,352], Age-Proportions: [(1, 20.27), (2, 16.28), (3, 13.52), (0, 13.06), (4, 7.9), (7, 6.51), (5, 6.37), (8, 5.65), (6, 5.03), (9, 4.8), (10, 0.42), (11, 0.19)]
16. Bin (352,565], Age-Proportions: [(1, 22.61), (2, 17.69), (3, 13.01), (4, 8.31), (5, 7.55), (7, 6.99), (8, 6.53), (6, 6.35), (0, 5.53), (9, 4.37), (11, 0.64), (10, 0.42)]

17. Bin (565,120704655], Age-Proportions: [(1, 19.1), (0, 16.17), (2, 14.53), (3, 11.2), (4, 7.33), (7, 6.88), (5, 6.61), (6, 6.27), (8, 5.39), (9, 4.12), (10, 1.78), (11, 0.62)]

Age proportions for each bin #11:



```
Cumulative Size for bins Access Counts #11:
0. Bin (<2]: Age>=0(5.7 Mb, 5.49%), Age>=4(2.67 Mb, 2.57%), Age>=9(0.53 Mb, 0.51%)
```

1. Bin (<3]: Age>=0(17.63 Mb, 16.97%), Age>=4(7.91 Mb, 7.61%), Age>=9(1.38 Mb, 1.33%)

2. Bin (<7]: Age>=0(25.54 Mb, 24.59%), Age>=4(11.86 Mb, 11.42%), Age>=9(2.25 Mb, 2.17%) 3. Bin (<14]: Age>=0(32.63 Mb, 31.42%), Age>=4(15.64 Mb, 15.05%), Age>=9(2.98 Mb, 2.87%)

4. Bin (<22]: Age>=0(43.75 Mb, 42.12%), Age>=4(17.68 Mb, 17.03%), Age>=9(3.43 Mb, 3.31%) 5. Bin (<35]: Age>=0(52.78 Mb, 50.82%), Age>=4(20.35 Mb, 19.6%), Age>=9(3.82 Mb, 3.68%)

9. Bin (<169]: Age>=0(86.53 Mb, 83.31%), Age>=4(31.29 Mb, 30.13%), Age>=9(5.54 Mb, 5.33%)

14. Bin (<274]: Age>=0(98.77 Mb, 95.1%), Age>=4(36.29 Mb, 34.94%), Age>=9(6.31 Mb, 6.08%)

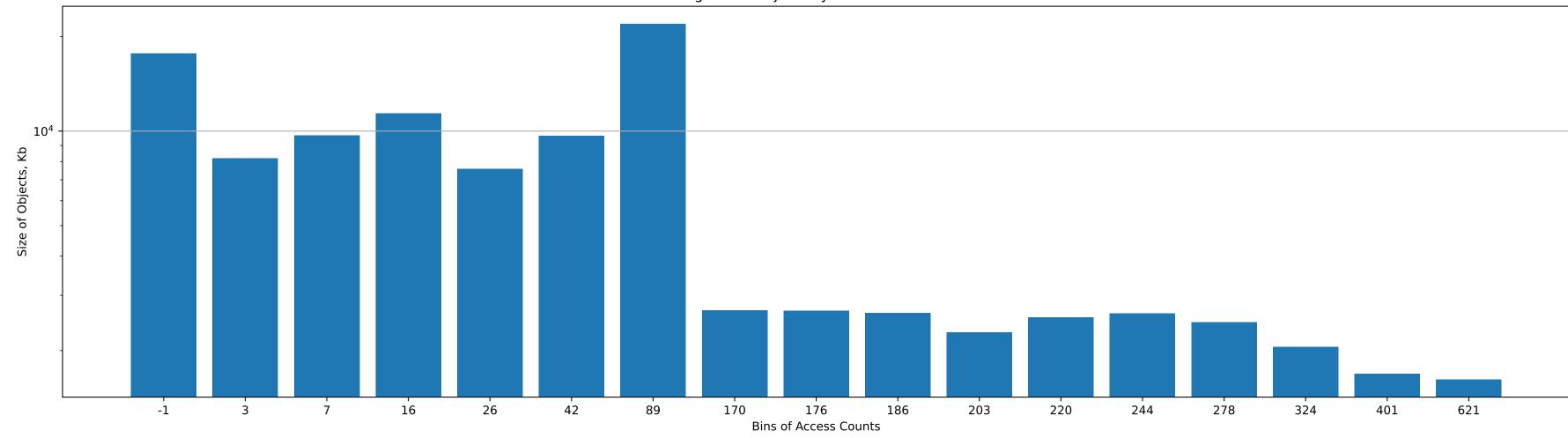
6. Bin (<66]: Age>=0(62.34 Mb, 60.03%), Age>=4(21.98 Mb, 21.17%), Age>=9(4.5 Mb, 4.33%) 7. Bin (<159]: Age>=0(81.2 Mb, 78.18%), Age>=4(29.15 Mb, 28.07%), Age>=9(5.45 Mb, 5.25%) 8. Bin (<164]: Age>=0(84.05 Mb, 80.93%), Age>=4(30.3 Mb, 29.17%), Age>=9(5.49 Mb, 5.29%)

10. Bin (<176]: Age>=0(89.22 Mb, 85.91%), Age>=4(32.35 Mb, 31.15%), Age>=9(5.63 Mb, 5.42%) 11. Bin (<187]: Age>=0(91.69 Mb, 88.29%), Age>=4(33.36 Mb, 32.12%), Age>=9(5.8 Mb, 5.58%)

12. Bin (<208]: Age>=0(94.21 Mb, 90.71%), Age>=4(34.44 Mb, 33.16%), Age>=9(6.03 Mb, 5.81%) 13. Bin (<235]: Age>=0(96.3 Mb, 92.72%), Age>=4(35.25 Mb, 33.94%), Age>=9(6.17 Mb, 5.94%)

15. Bin (<352]: Age>=0(100.98 Mb, 97.23%), Age>=4(37.14 Mb, 35.76%), Age>=9(6.43 Mb, 6.2%) 16. Bin (<565]: Age>=0(102.46 Mb, 98.65%), Age>=4(37.75 Mb, 36.34%), Age>=9(6.52 Mb, 6.28%) 17. Bin (<120704655]: Age>=0(103.86 Mb, 100.0%), Age>=4(38.3 Mb, 36.88%), Age>=9(6.63 Mb, 6.38%)

Histogram of Objects by Access Counts #12



```
Total stats for each bin #12:
```

Number of non-array objects: \sim 3630 K, Total: \sim 4567.93 K Size of non-array objects: \sim 106.78 Mb, Total: \sim 164.71 Mb 0. Bin (-1, 3]: 1115K objects, 17640 Kb

1. Bin (3, 7]: 442K objects, 8190 Kb 2. Bin (7, 16]: 318K objects, 9699 Kb

3. Bin (16, 26]: 398K objects, 11393 Kb 4. Bin (26, 42]: 274K objects, 7569 Kb 5. Bin (42, 89]: 366K objects, 9653 Kb

6. Bin (89, 170]: 365K objects, 21920 Kb 7. Bin (170, 176]: 36K objects, 2683 Kb

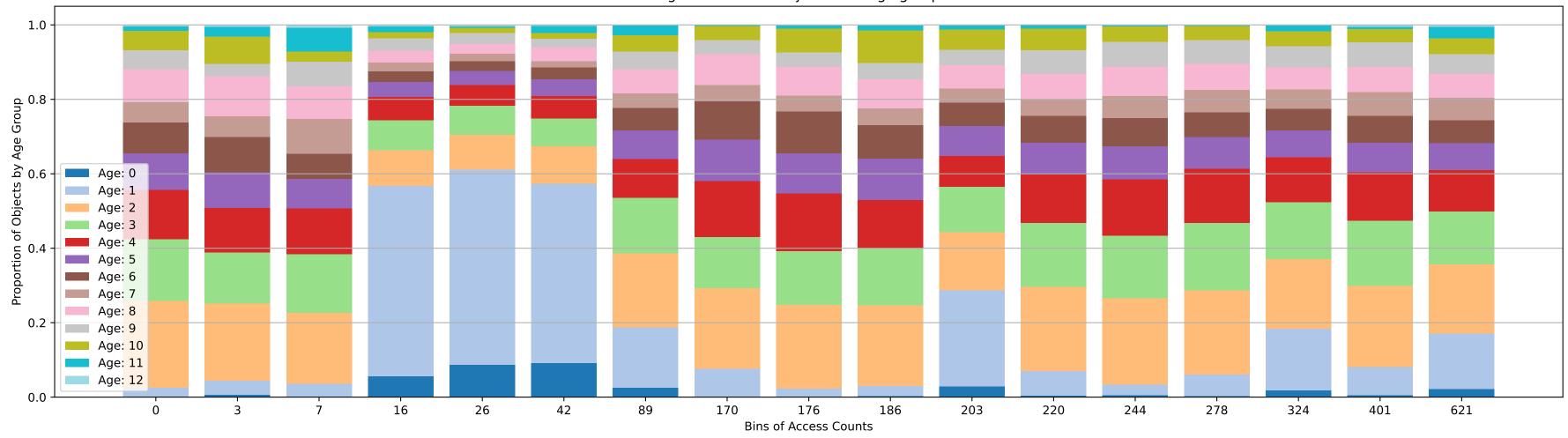
8. Bin (176, 186]: 35K objects, 2679 Kb 9. Bin (186, 203]: 35K objects, 2635 Kb 10. Bin (203, 220]: 36K objects, 2283 Kb

11. Bin (220, 244]: 35K objects, 2554 Kb 12. Bin (244, 278]: 35K objects, 2623 Kb

13. Bin (278, 324]: 35K objects, 2463 Kb 14. Bin (324, 401]: 35K objects, 2053 Kb

15. Bin (401, 621]: 35K objects, 1689 Kb 16. Bin (621, 120705088]: 35K objects, 1620 Kb

Histogram of bins of objects with age groups #12



```
Age proportions for each bin #12:

0. Bin (-1,3], Age-Proportions: [(2, 23.22), (3, 16.64), (4, 13.2), (5, 9.79), (8, 8.88), (6, 8.38), (7, 5.43), (10, 5.23), (9, 5.04), (1, 2.59), (11, 1.18), (12, 0.41), (0, 0.0)]

1. Bin (3,7], Age-Proportions: [(2, 20.81), (3, 13.77), (4, 11.85), (8, 10.78), (5, 9.64), (6, 9.45), (10, 7.26), (7, 5.6), (1, 3.75), (9, 3.32), (11, 2.66), (0, 0.64), (12, 0.48)]

2. Bin (7,16], Age-Proportions: [(2, 19.03), (3, 15.77), (4, 12.36), (7, 9.35), (8, 8.69), (5, 7.86), (6, 6.79), (9, 6.71), (11, 6.47), (1, 3.42), (10, 2.63), (12, 0.72), (0, 0.2)]

3. Bin (16,26], Age-Proportions: [(1, 51.18), (2, 9.51), (3, 8.13), (4, 6.17), (0, 5.64), (5, 4.04), (9, 3.26), (8, 3.2), (6, 2.85), (7, 2.43), (10, 1.68), (11, 1.46), (12, 0.44)]

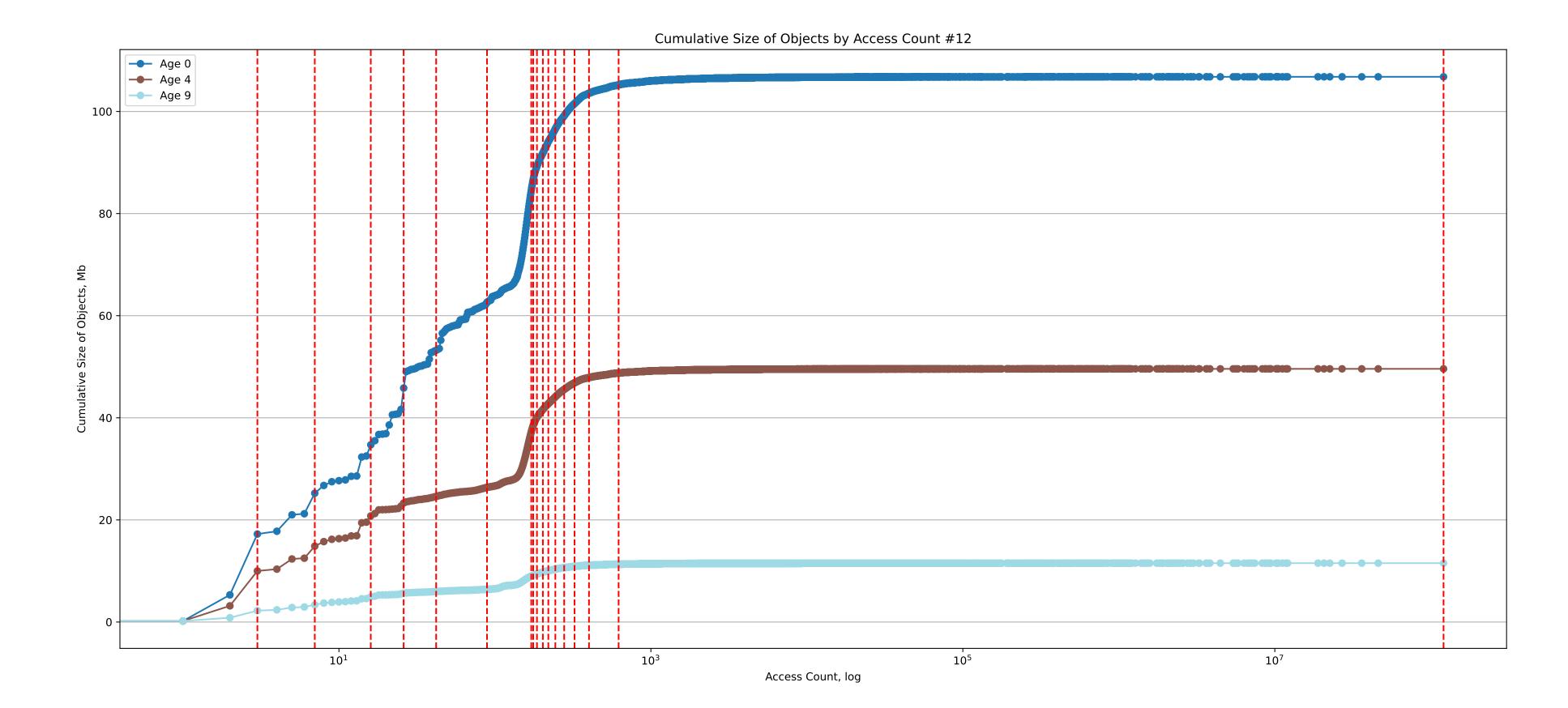
4. Bin (26,42], Age-Proportions: [(1, 52.5), (2, 9.25), (0, 8.71), (3, 7.82), (4, 5.62), (5, 3.75), (9, 2.99), (8, 2.65), (6, 2.62), (7, 1.99), (10, 1.32), (11, 0.39), (12, 0.39)]

5. Bin (42,89], Age-Proportions: [(1, 48.1), (2, 10.17), (0, 9.18), (3, 7.45), (4, 5.99), (5, 4.47), (8, 3.75), (6, 3.27), (9, 2.29), (11, 1.85), (7, 1.64), (10, 1.5), (12, 0.35)]
```

16. Bin (621,120705088], Age-Proportions: [(2, 18.53), (1, 15.02), (3, 14.24), (4, 11.1), (5, 7.23), (8, 6.57), (6, 6.17), (7, 5.98), (9, 5.23), (10, 4.26), (11, 2.97), (0, 2.11), (12, 0.58)]

6. Bin (89,170], Age-Proportions: [(2, 19.84), (1, 16.22), (3, 14.98), (4, 10.44), (5, 7.61), (8, 6.46), (6, 6.03), (9, 4.76), (10, 4.4), (7, 3.99), (11, 2.57), (0, 2.56), (12, 0.14)]
7. Bin (170,176], Age-Proportions: [(2, 21.77), (4, 15.08), (3, 13.63), (5, 11.05), (6, 10.4), (8, 8.36), (1, 7.52), (7, 4.3), (9, 3.77), (10, 3.77), (11, 0.23), (0, 0.06), (12, 0.05)]
8. Bin (176,186], Age-Proportions: [(2, 22.59), (4, 15.52), (3, 14.36), (6, 11.19), (5, 10.78), (8, 7.81), (10, 6.43), (7, 4.35), (9, 3.73), (1, 2.12), (11, 0.81), (0, 0.16), (12, 0.14)]

9. Bin (186,203], Age-Proportions: [(2, 21.68), (3, 15.34), (4, 12.92), (5, 11.08), (6, 9.04), (10, 8.71), (8, 7.74), (7, 4.52), (9, 4.42), (1, 2.8), (11, 1.3), (0, 0.25), (12, 0.2)] 10. Bin (203,220], Age-Proportions: [(1, 25.81), (2, 15.55), (3, 12.18), (4, 8.34), (5, 8.02), (6, 6.32), (8, 6.21), (10, 5.44), (9, 4.16), (7, 3.8), (0, 2.96), (11, 1.02), (12, 0.19)] 11. Bin (220,244], Age-Proportions: [(2, 22.51), (3, 17.27), (4, 12.96), (5, 8.5), (6, 7.25), (8, 6.89), (1, 6.7), (9, 6.35), (10, 5.78), (7, 4.43), (11, 0.88), (0, 0.39), (12, 0.1)] 12. Bin (244,278], Age-Proportions: [(2, 23.19), (3, 16.78), (4, 15.24), (5, 8.83), (8, 7.91), (6, 7.62), (9, 6.66), (7, 5.9), (10, 4.12), (1, 2.85), (0, 0.52), (11, 0.24), (12, 0.16)] 13. Bin (278,324], Age-Proportions: [(2, 22.66), (3, 18.06), (4, 14.54), (5, 8.59), (8, 6.9), (6, 6.63), (9, 6.43), (7, 6.05), (1, 5.81), (10, 3.74), (0, 0.29), (11, 0.17), (12, 0.13)] 14. Bin (324,401], Age-Proportions: [(2, 18.77), (1, 16.51), (3, 15.22), (4, 12.17), (5, 7.13), (8, 5.93), (6, 5.83), (9, 5.71), (7, 5.25), (10, 3.91), (0, 1.85), (11, 1.59), (12, 0.13)] 15. Bin (401,621], Age-Proportions: [(2, 21.88), (3, 17.41), (4, 13.02), (5, 8.0), (1, 7.51), (6, 7.25), (8, 6.8), (9, 6.64), (7, 6.28), (10, 3.59), (0, 0.58), (12, 0.54), (11, 0.5)]



```
Cumulative Size for bins Access Counts #12:
0. Bin (<3]: Age>=0(17.23 Mb, 16.13%), Age>=4(10.0 Mb, 9.36%), Age>=9(2.23 Mb, 2.08%)
```

1. Bin (<7]: Age>=0(25.23 Mb, 23.62%), Age>=4(14.86 Mb, 13.91%), Age>=9(3.38 Mb, 3.17%)

2. Bin (<16]: Age>=0(34.7 Mb, 32.49%), Age>=4(20.78 Mb, 19.46%), Age>=9(4.94 Mb, 4.63%) 3. Bin (<26]: Age>=0(45.83 Mb, 42.91%), Age>=4(23.31 Mb, 21.83%), Age>=9(5.66 Mb, 5.3%)

4. Bin (<42]: Age>=0(53.22 Mb, 49.83%), Age>=4(24.59 Mb, 23.03%), Age>=9(5.97 Mb, 5.59%)

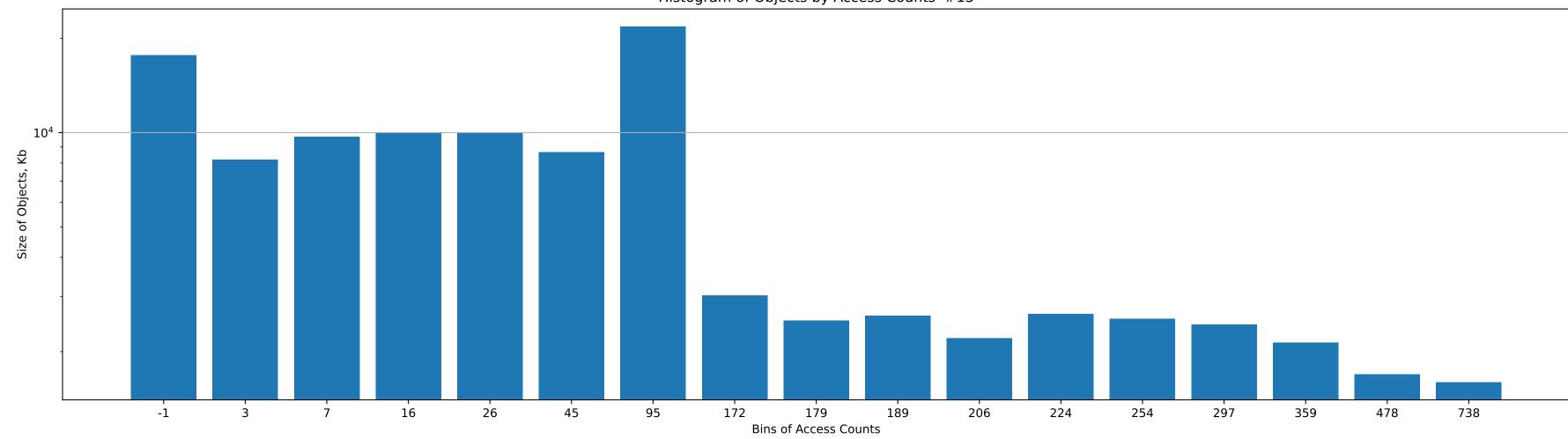
5. Bin (<89]: Age>=0(62.64 Mb, 58.66%), Age>=4(26.37 Mb, 24.69%), Age>=9(6.42 Mb, 6.01%) 6. Bin (<170]: Age>=0(84.05 Mb, 78.71%), Age>=4(36.95 Mb, 34.6%), Age>=9(8.95 Mb, 8.38%) 7. Bin (<176]: Age>=0(86.67 Mb, 81.16%), Age>=4(38.5 Mb, 36.05%), Age>=9(9.15 Mb, 8.57%)

8. Bin (<186]: Age>=0(89.29 Mb, 83.61%), Age>=4(40.08 Mb, 37.53%), Age>=9(9.42 Mb, 8.82%) 9. Bin (<203]: Age>=0(91.86 Mb, 86.02%), Age>=4(41.62 Mb, 38.97%), Age>=9(9.78 Mb, 9.15%)

10. Bin (<220]: Age>=0(94.09 Mb, 88.11%), Age>=4(42.76 Mb, 40.04%), Age>=9(10.04 Mb, 9.41%) 11. Bin (<244]: Age>=0(96.59 Mb, 90.44%), Age>=4(44.1 Mb, 41.29%), Age>=9(10.36 Mb, 9.7%) 12. Bin (<278]: Age>=0(99.15 Mb, 92.84%), Age>=4(45.55 Mb, 42.66%), Age>=9(10.64 Mb, 9.97%)

13. Bin (<324]: Age>=0(101.55 Mb, 95.1%), Age>=4(46.85 Mb, 43.87%), Age>=9(10.9 Mb, 10.2%) 14. Bin (<401]: Age>=0(103.56 Mb, 96.97%), Age>=4(47.88 Mb, 44.83%), Age>=9(11.13 Mb, 10.42%) 15. Bin (<621]: Age>=0(105.21 Mb, 98.52%), Age>=4(48.77 Mb, 45.66%), Age>=9(11.32 Mb, 10.6%)

16. Bin (<120705088]: Age>=0(106.79 Mb, 100.0%), Age>=4(49.59 Mb, 46.44%), Age>=9(11.53 Mb, 10.8%)

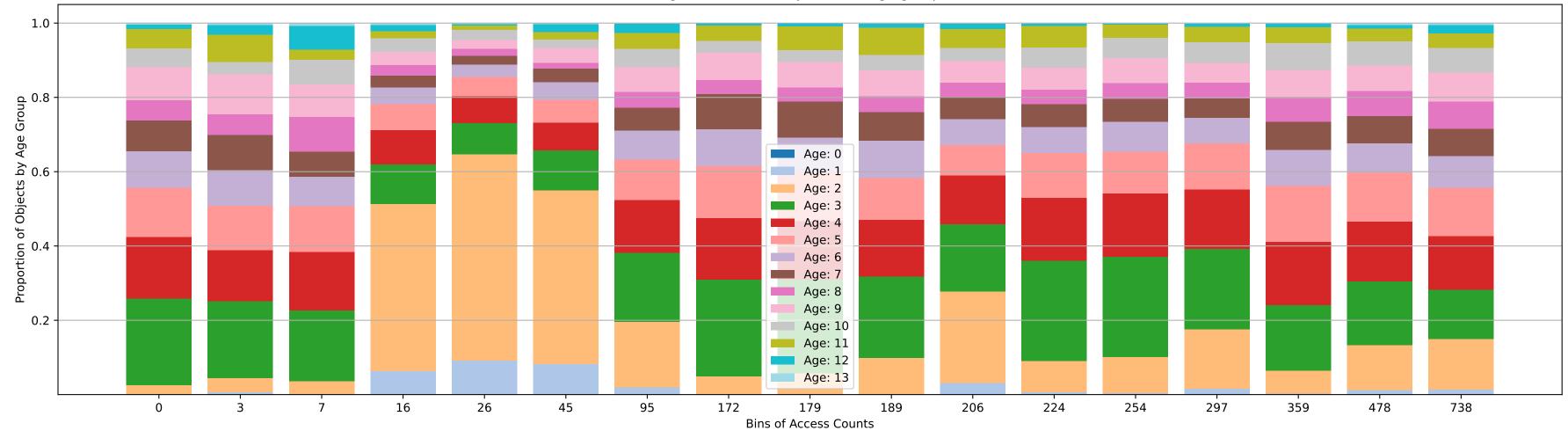


```
Total stats for each bin #13:
```

Number of non-array objects: \sim 3631 K, Total: \sim 4720.55 K Size of non-array objects: \sim 106.78 Mb, Total: \sim 169.78 Mb 0. Bin (-1, 3]: 1115K objects, 17640 Kb

- 1. Bin (3, 7]: 442K objects, 8190 Kb 2. Bin (7, 16]: 318K objects, 9699 Kb
- 3. Bin (16, 26]: 353K objects, 9975 Kb 4. Bin (26, 45]: 358K objects, 9992 Kb
- 5. Bin (45, 95]: 334K objects, 8666 Kb 6. Bin (95, 172]: 353K objects, 21777 Kb
- 7. Bin (172, 179]: 39K objects, 3026 Kb 8. Bin (179, 189]: 33K objects, 2510 Kb
- 9. Bin (189, 206]: 36K objects, 2604 Kb
- 10. Bin (206, 224]: 34K objects, 2205 Kb 11. Bin (224, 254]: 36K objects, 2636 Kb
- 12. Bin (254, 297]: 36K objects, 2549 Kb
 - 13. Bin (297, 359]: 38K objects, 2445 Kb 14. Bin (359, 478]: 34K objects, 2141 Kb
 - 15. Bin (478, 738]: 36K objects, 1692 Kb 16. Bin (738, 120705088]: 36K objects, 1599 Kb

Histogram of bins of objects with age groups #13



```
0. Bin (-1,3], Age-Proportions: [(3, 23.22), (4, 16.64), (5, 13.2), (6, 9.79), (9, 8.88), (7, 8.38), (8, 5.43), (11, 5.23), (10, 5.04), (2, 2.59), (12, 1.18), (13, 0.41), (0, 0.0), (1, 0.0)]

1. Bin (3,7], Age-Proportions: [(3, 20.81), (4, 13.77), (5, 11.85), (9, 10.78), (6, 9.64), (7, 9.45), (11, 7.26), (8, 5.6), (2, 3.75), (10, 3.32), (12, 2.66), (1, 0.64), (13, 0.48), (0, 0.0)]

2. Bin (7,16], Age-Proportions: [(3, 19.04), (4, 15.77), (5, 12.36), (8, 9.35), (9, 8.69), (6, 7.86), (7, 6.79), (10, 6.71), (12, 6.47), (2, 3.42), (11, 2.63), (13, 0.72), (1, 0.2), (0, 0.0)]

3. Bin (16,26], Age-Proportions: [(2, 44.91), (3, 10.73), (4, 9.18), (5, 6.97), (1, 6.36), (6, 4.56), (10, 3.68), (9, 3.61), (7, 3.21), (8, 2.74), (11, 1.9), (12, 1.64), (13, 0.5), (0, 0.0)]

4. Bin (26,45], Age-Proportions: [(2, 46.81), (3, 10.68), (1, 8.19), (4, 7.56), (5, 6.15), (6, 4.71), (9, 4.05), (7, 3.69), (10, 2.16), (12, 2.13), (11, 1.96), (8, 1.56), (13, 0.35), (0, 0.0)]

5. Bin (45,95], Age-Proportions: [(2, 46.81), (3, 10.68), (1, 8.19), (4, 7.56), (5, 6.15), (6, 4.71), (9, 4.05), (7, 3.69), (10, 2.16), (12, 2.13), (11, 1.96), (8, 1.56), (13, 0.35), (0, 0.0)]
```

Age proportions for each bin #13:

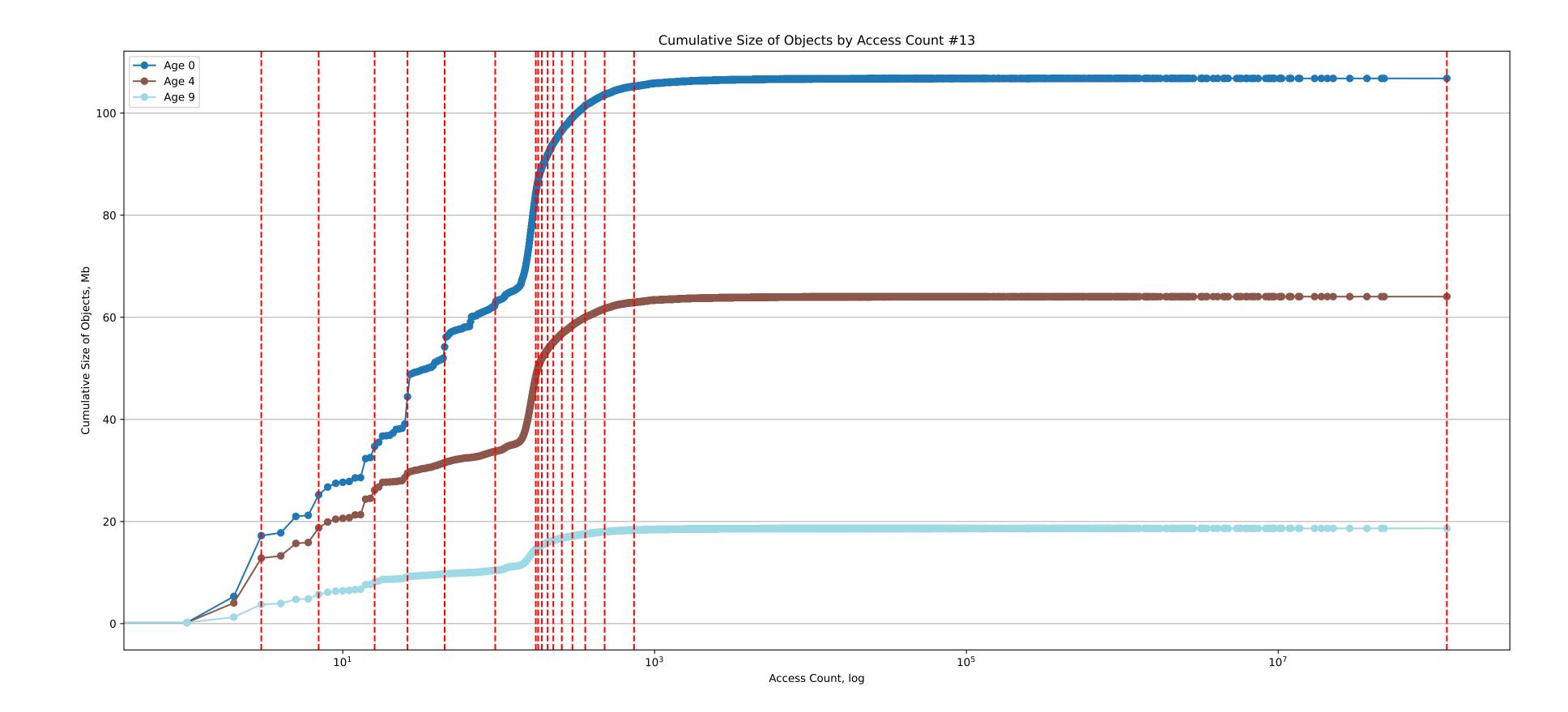
7. Bin (172,179], Age-Proportions: [(3, 25.99), (4, 16.55), (5, 14.08), (6, 9.84), (7, 9.56), (9, 7.26), (2, 4.76), (11, 4.15), (8, 3.75), (10, 3.29), (12, 0.51), (1, 0.17), (13, 0.09)]
8. Bin (179,189], Age-Proportions: [(3, 25.11), (4, 15.84), (5, 13.38), (7, 9.63), (6, 9.15), (9, 6.76), (11, 6.32), (2, 5.67), (8, 3.82), (10, 3.31), (12, 0.8), (1, 0.11), (13, 0.11)]
9. Bin (189,206], Age-Proportions: [(3, 21.78), (4, 15.34), (5, 11.27), (6, 9.97), (2, 9.78), (7, 7.77), (11, 7.45), (9, 6.97), (8, 4.23), (10, 4.08), (12, 0.96), (13, 0.21), (1, 0.17)]

6. Bin (95,172], Age-Proportions: [(3, 18.62), (2, 17.62), (4, 14.26), (5, 10.78), (6, 7.9), (9, 6.69), (7, 6.12), (10, 4.97), (8, 4.21), (11, 4.21), (12, 2.55), (1, 1.95), (13, 0.14)]

10. Bin (206,224], Age-Proportions: [(2, 24.64), (3, 18.08), (4, 13.22), (5, 8.11), (6, 7.01), (7, 6.06), (9, 5.84), (11, 5.02), (8, 3.73), (10, 3.56), (1, 3.13), (12, 1.42), (13, 0.18)]
11. Bin (224,254], Age-Proportions: [(3, 26.9), (4, 17.0), (5, 12.06), (2, 8.48), (6, 6.95), (7, 6.16), (9, 5.94), (11, 5.84), (10, 5.42), (8, 3.9), (1, 0.62), (12, 0.6), (13, 0.14)]
12. Bin (254,297], Age-Proportions: [(3, 26.96), (4, 16.97), (5, 11.36), (2, 9.79), (6, 8.02), (9, 6.67), (7, 6.18), (10, 5.43), (8, 4.3), (11, 3.61), (1, 0.35), (12, 0.21), (13, 0.16)]

16. Bin (738,120705088], Age-Proportions: [(4, 14.38), (2, 13.63), (3, 13.22), (5, 13.13), (6, 8.48), (9, 7.72), (8, 7.45), (7, 7.31), (10, 6.67), (11, 3.88), (12, 2.25), (1, 1.37), (13, 0.51), (0, 0.0)]

13. Bin (297,359], Age-Proportions: [(3, 21.55), (2, 15.99), (4, 15.95), (5, 12.51), (6, 6.89), (10, 5.49), (9, 5.34), (7, 5.12), (8, 4.34), (11, 4.13), (1, 1.67), (12, 0.91), (13, 0.12)]
14. Bin (359,478], Age-Proportions: [(3, 17.7), (4, 17.05), (5, 15.01), (6, 9.65), (7, 7.66), (9, 7.59), (10, 7.18), (8, 6.35), (2, 6.07), (11, 4.34), (12, 0.91), (1, 0.34), (13, 0.16)]
15. Bin (478,738], Age-Proportions: [(3, 17.25), (4, 16.06), (5, 13.22), (2, 12.02), (6, 7.84), (7, 7.35), (9, 6.89), (8, 6.73), (10, 6.56), (11, 3.38), (1, 1.24), (12, 0.96), (13, 0.5)]



```
Cumulative Size for bins Access Counts #13:
0. Bin (<3]: Age>=0(17.23 Mb, 16.13%), Age>=4(12.83 Mb, 12.02%), Age>=9(3.74 Mb, 3.5%)
2. Bin (<16]: Age>=0(34.7 Mb, 32.49%), Age>=4(26.14 Mb, 24.47%), Age>=9(8.16 Mb, 7.64%)
```

1. Bin (<7]: Age>=0(25.23 Mb, 23.62%), Age>=4(18.75 Mb, 17.56%), Age>=9(5.74 Mb, 5.37%)

3. Bin (<26]: Age>=0(44.44 Mb, 41.61%), Age>=4(29.46 Mb, 27.58%), Age>=9(9.18 Mb, 8.6%) 4. Bin (<45]: Age>=0(54.2 Mb, 50.75%), Age>=4(31.52 Mb, 29.51%), Age>=9(9.72 Mb, 9.1%)

9. Bin (<206]: Age>=0(91.88 Mb, 86.04%), Age>=4(53.72 Mb, 50.3%), Age>=9(15.89 Mb, 14.88%) 10. Bin (<224]: Age>=0(94.03 Mb, 88.05%), Age>=4(55.07 Mb, 51.57%), Age>=9(16.27 Mb, 15.24%)

5. Bin (<95]: Age>=0(62.66 Mb, 58.68%), Age>=4(33.71 Mb, 31.56%), Age>=9(10.4 Mb, 9.74%)

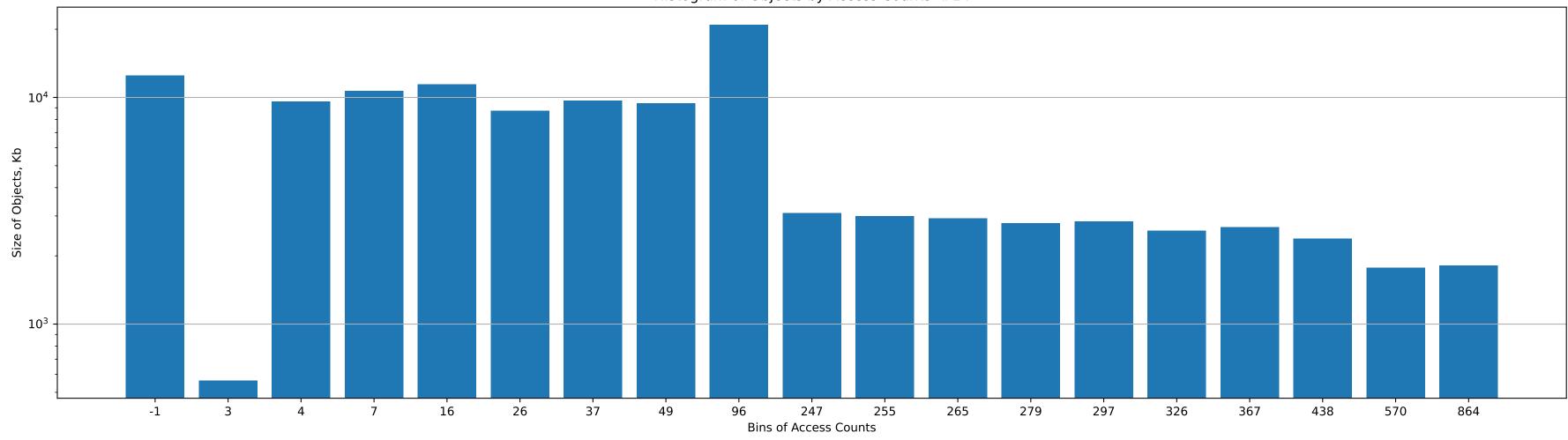
6. Bin (<172]: Age>=0(83.93 Mb, 78.59%), Age>=4(48.13 Mb, 45.06%), Age>=9(14.53 Mb, 13.6%) 7. Bin (<179]: Age>=0(86.88 Mb, 81.36%), Age>=4(50.19 Mb, 47.0%), Age>=9(14.97 Mb, 14.02%) 8. Bin (<189]: Age>=0(89.34 Mb, 83.65%), Age>=4(51.91 Mb, 48.61%), Age>=9(15.39 Mb, 14.41%)

11. Bin (<254]: Age>=0(96.61 Mb, 90.46%), Age>=4(56.77 Mb, 53.16%), Age>=9(16.74 Mb, 15.67%) 12. Bin (<297]: Age>=0(99.1 Mb, 92.8%), Age>=4(58.41 Mb, 54.69%), Age>=9(17.15 Mb, 16.06%)

13. Bin (<359]: Age>=0(101.49 Mb, 95.03%), Age>=4(60.0 Mb, 56.19%), Age>=9(17.55 Mb, 16.44%) 14. Bin (<478]: Age>=0(103.58 Mb, 96.99%), Age>=4(61.68 Mb, 57.76%), Age>=9(18.0 Mb, 16.85%)

15. Bin (<738]: Age>=0(105.23 Mb, 98.54%), Age>=4(62.91 Mb, 58.91%), Age>=9(18.32 Mb, 17.15%) 16. Bin (<120705088]: Age>=0(106.79 Mb, 100.0%), Age>=4(64.05 Mb, 59.97%), Age>=9(18.65 Mb, 17.46%)

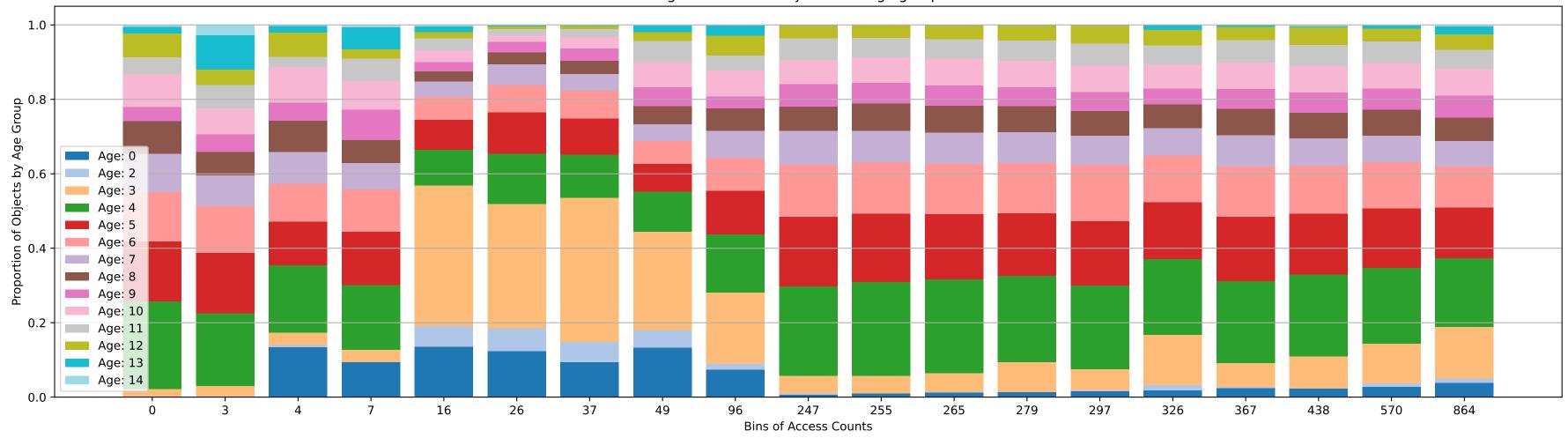
Histogram of Objects by Access Counts #14



```
Total stats for each bin #14:
Number of non-array objects: ~3951 K, Total: ~5040.23 K
Size of non-array objects: ~116.54 Mb, Total: ~178.32 Mb
```

- 0. Bin (-1, 3]: 787K objects, 12514 Kb 1. Bin (3, 4]: 33K objects, 564 Kb
- 2. Bin (4, 7]: 473K objects, 9610 Kb 3. Bin (7, 16]: 348K objects, 10683 Kb 4. Bin (16, 26]: 399K objects, 11426 Kb
- 5. Bin (26, 37]: 353K objects, 8716 Kb 6. Bin (37, 49]: 386K objects, 9661 Kb
- 7. Bin (49, 96]: 399K objects, 9440 Kb 8. Bin (96, 247]: 387K objects, 20886 Kb
- 9. Bin (247, 255]: 40K objects, 3082 Kb 10. Bin (255, 265]: 39K objects, 2991 Kb
- 11. Bin (265, 279]: 38K objects, 2922 Kb 12. Bin (279, 297]: 38K objects, 2788 Kb
- 13. Bin (297, 326]: 39K objects, 2841 Kb
 - 14. Bin (326, 367]: 38K objects, 2577 Kb
- 15. Bin (367, 438]: 38K objects, 2671 Kb 16. Bin (438, 570]: 39K objects, 2381 Kb
- 17. Bin (570, 864]: 38K objects, 1771 Kb 18. Bin (864, 120705137]: 39K objects, 1812 Kb

Histogram of bins of objects with age groups #14



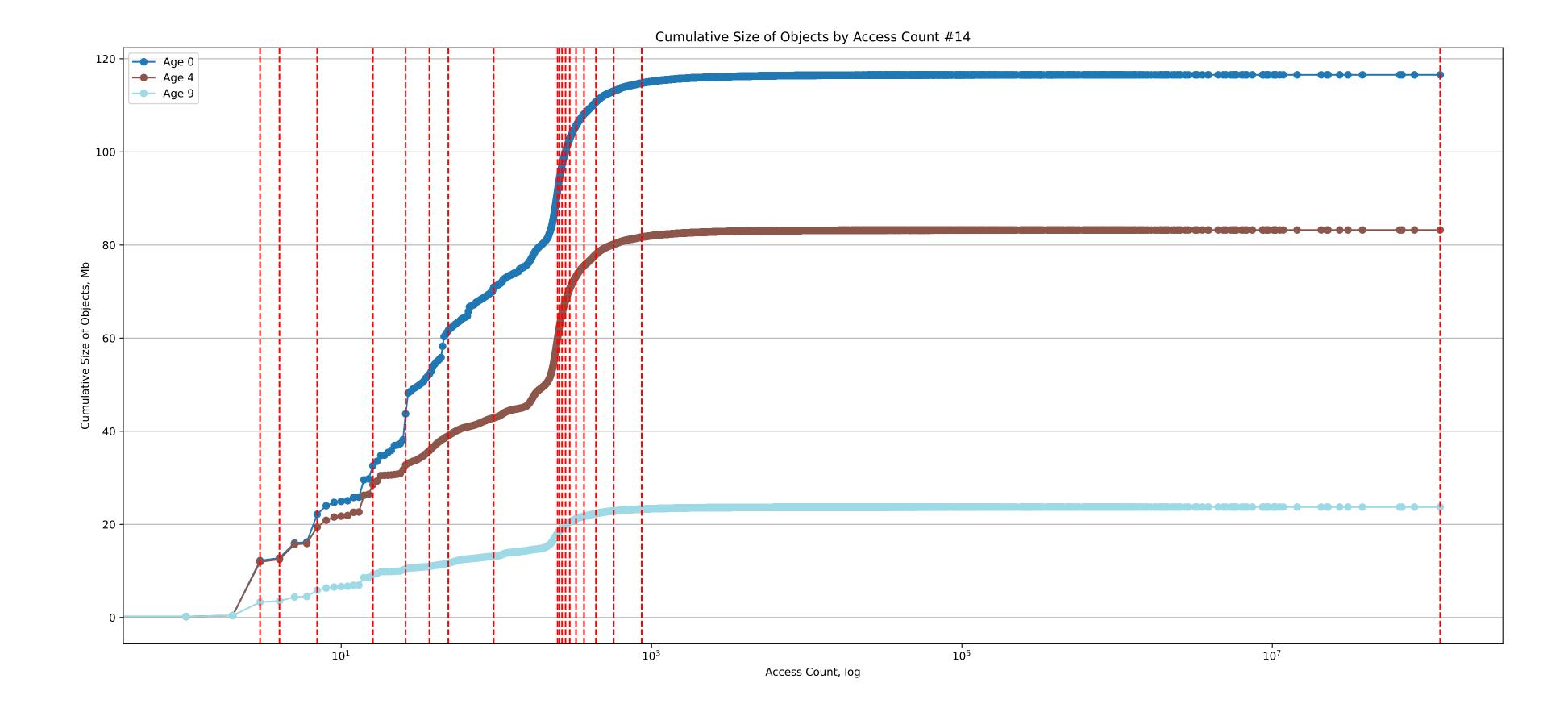
```
0. Bin (-1,3], Age-Proportions: [(4, 23.5), (5, 16.17), (6, 13.23), (7, 10.29), (10, 8.95), (8, 8.77), (12, 6.48), (11, 4.41), (9, 3.75), (3, 2.2), (13, 1.67), (14, 0.58), (0, 0.0), (2, 0.0)]
1. Bin (3,4], Age-Proportions: [(4, 19.51), (5, 16.21), (6, 12.51), (13, 9.19), (7, 8.38), (10, 7.06), (8, 6.26), (11, 6.2), (9, 4.69), (12, 4.2), (3, 2.97), (14, 2.77), (0, 0.02), (2, 0.02)]
2. Bin (4,7], Age-Proportions: [(4, 18.11), (0, 13.43), (5, 11.75), (6, 10.21), (10, 9.59), (7, 8.44), (8, 8.4), (12, 6.5), (9, 4.91), (3, 3.3), (11, 2.67), (13, 1.85), (2, 0.59), (14, 0.26)]
3. Bin (7,16], Age-Proportions: [(4, 17.38), (5, 14.4), (6, 11.29), (0, 9.41), (9, 8.16), (10, 7.69), (7, 7.17), (11, 6.13), (8, 6.1), (13, 5.91), (3, 3.13), (12, 2.4), (14, 0.65), (2, 0.18)]
4. Bin (16,26], Age-Proportions: [(3, 37.76), (0, 13.54), (4, 9.51), (5, 8.13), (6, 6.17), (2, 5.62), (7, 4.04), (11, 3.25), (10, 3.17), (8, 2.84), (9, 2.39), (12, 1.68), (13, 1.45), (14, 0.44)]
5. Bin (26,37], Age-Proportions: [(3, 33.27), (4, 13.57), (0, 12.37), (5, 11.17), (6, 7.22), (2, 6.24), (7, 5.57), (8, 3.25), (9, 2.78), (10, 1.79), (11, 1.61), (12, 0.7), (13, 0.23), (14, 0.23)]
6. Bin (37,49], Age-Proportions: [(3, 38.67), (4, 11.66), (5, 9.64), (0, 9.42), (6, 7.52), (2, 5.42), (7, 4.49), (8, 3.51), (9, 3.35), (10, 3.07), (11, 2.18), (12, 0.75), (14, 0.16), (13, 0.13)]
```

7. Bin (49,96], Age-Proportions: [(3, 26.31), (0, 13.34), (4, 10.75), (5, 7.44), (10, 6.86), (6, 6.27), (11, 5.69), (9, 5.05), (8, 4.79), (2, 4.78), (7, 4.48), (12, 2.27), (13, 1.75), (14, 0.24)]
8. Bin (96,247], Age-Proportions: [(3, 19.13), (4, 15.68), (5, 11.64), (6, 8.85), (0, 7.35), (7, 7.33), (10, 6.88), (8, 5.95), (12, 5.27), (11, 4.14), (9, 3.3), (13, 2.71), (2, 1.6), (14, 0.19)]
9. Bin (247,255], Age-Proportions: [(4, 24.04), (5, 18.66), (6, 13.96), (7, 9.07), (8, 6.62), (10, 6.5), (9, 5.97), (11, 5.87), (3, 4.8), (12, 3.42), (0, 0.73), (2, 0.24), (13, 0.07), (14, 0.06)]
10. Bin (255,265], Age-Proportions: [(4, 25.18), (5, 18.42), (6, 13.63), (7, 8.61), (8, 7.25), (10, 6.84), (9, 5.66), (11, 5.17), (3, 4.75), (12, 3.41), (0, 0.96), (2, 0.05), (13, 0.04), (14, 0.04)]
11. Bin (265,279], Age-Proportions: [(4, 25.1), (5, 17.51), (6, 13.59), (7, 8.36), (8, 7.26), (10, 7.22), (9, 5.43), (11, 5.16), (3, 5.1), (12, 3.76), (0, 1.23), (2, 0.18), (13, 0.06), (14, 0.03)]
12. Bin (279,297], Age-Proportions: [(4, 23.2), (5, 16.84), (6, 13.44), (7, 8.37), (3, 7.99), (10, 7.12), (8, 6.96), (11, 5.39), (9, 5.06), (12, 4.08), (0, 1.31), (2, 0.18), (13, 0.08), (14, 0.06)]
13. Bin (297,326], Age-Proportions: [(4, 22.42), (5, 17.39), (6, 14.98), (7, 7.98), (10, 7.25), (8, 6.68), (11, 5.83), (3, 5.76), (9, 4.97), (12, 4.88), (0, 1.59), (2, 0.19), (13, 0.09), (14, 0.06)]
14. Bin (326,367], Age-Proportions: [(4, 20.28), (5, 15.23), (3, 13.49), (6, 12.65), (7, 7.35), (10, 6.5), (8, 6.29), (11, 5.07), (9, 4.28), (12, 4.26), (0, 1.85), (2, 1.47), (13, 0.09), (14, 0.08)]
15. Bin (367,438], Age-Proportions: [(4, 21.92), (5, 16.37), (6, 12.86), (3, 8.54), (7, 7.39), (10, 7.19), (8, 6.8), (11, 5.62), (9, 5.52), (12, 4.7), (0, 2.29), (14, 0.43), (2, 0.2), (13, 0.18)]
16. Bin (438,570], Age-Proportions: [(4, 21.92), (5, 16.37), (6, 12.86), (3, 8.54), (7, 7.39), (10, 7.19), (8, 6.8), (11, 5.62), (9, 5.52), (12, 4.7), (0, 2.29), (14, 0.43), (2, 0.2), (13, 0.18)]

17. Bin (570,864], Age-Proportions: [(4, 20.28), (5, 16.06), (6, 12.19), (3, 10.71), (7, 7.21), (8, 7.08), (10, 6.81), (11, 5.91), (9, 5.64), (12, 3.38), (0, 2.77), (2, 0.97), (13, 0.85), (14, 0.13)]

18. Bin (864,120705137], Age-Proportions: [(4, 18.43), (3, 13.83), (5, 13.73), (6, 10.95), (10, 7.23), (7, 6.96), (8, 6.17), (9, 5.99), (11, 5.07), (12, 4.2), (0, 3.87), (13, 2.02), (2, 1.14), (14, 0.43)]

Age proportions for each bin #14:



```
Cumulative Size for bins Access Counts #14:
0. Bin (<3]: Age>=0(12.22 Mb, 10.49%), Age>=4(11.95 Mb, 10.26%), Age>=9(3.31 Mb, 2.84%)
```

1. Bin (<4]: Age>=0(12.77 Mb, 10.96%), Age>=4(12.49 Mb, 10.72%), Age>=9(3.53 Mb, 3.03%)

2. Bin (<7]: Age>=0(22.16 Mb, 19.01%), Age>=4(19.43 Mb, 16.67%), Age>=9(5.84 Mb, 5.01%) 3. Bin (<16]: Age>=0(32.59 Mb, 27.96%), Age>=4(28.52 Mb, 24.47%), Age>=9(9.23 Mb, 7.92%) 4. Bin (<26]: Age>=0(43.75 Mb, 37.54%), Age>=4(32.77 Mb, 28.11%), Age>=9(10.48 Mb, 8.99%)

5. Bin (<37]: Age>=0(52.26 Mb, 44.84%), Age>=4(35.81 Mb, 30.72%), Age>=9(10.99 Mb, 9.43%) 6. Bin (<49]: Age>=0(61.7 Mb, 52.94%), Age>=4(39.01 Mb, 33.47%), Age>=9(11.66 Mb, 10.01%)

7. Bin (<96]: Age>=0(70.92 Mb, 60.85%), Age>=4(42.85 Mb, 36.77%), Age>=9(13.13 Mb, 11.26%) 8. Bin (<247]: Age>=0(91.31 Mb, 78.35%), Age>=4(59.67 Mb, 51.2%), Age>=9(18.01 Mb, 15.45%)

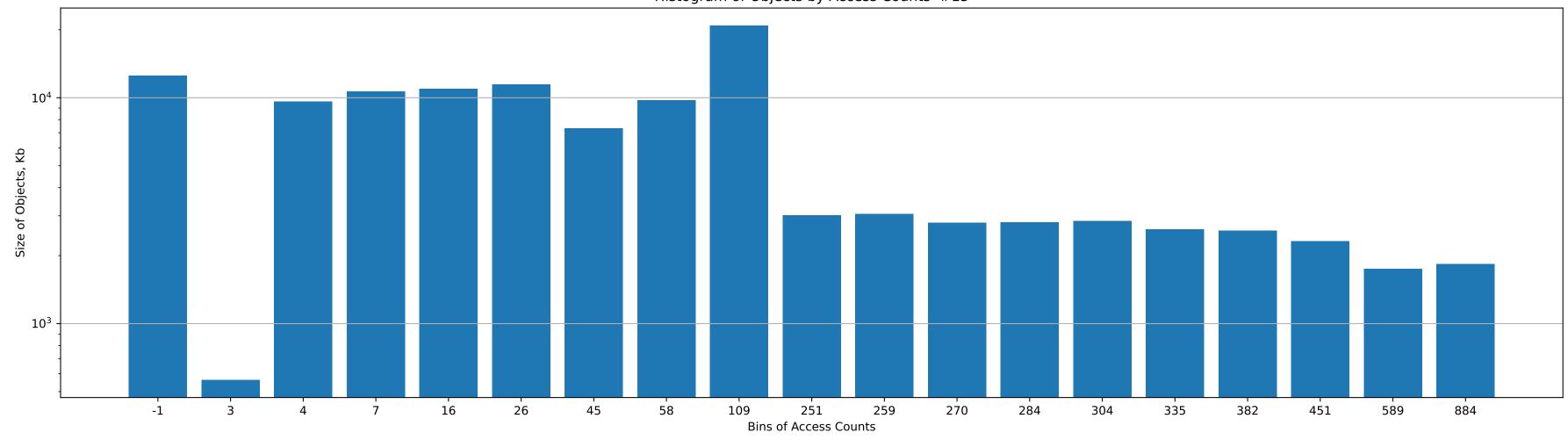
9. Bin (<255]: Age>=0(94.32 Mb, 80.93%), Age>=4(62.54 Mb, 53.66%), Age>=9(18.67 Mb, 16.02%) 10. Bin (<265]: Age>=0(97.24 Mb, 83.44%), Age>=4(65.33 Mb, 56.05%), Age>=9(19.29 Mb, 16.56%) 11. Bin (<279]: Age>=0(100.1 Mb, 85.89%), Age>=4(68.05 Mb, 58.39%), Age>=9(19.92 Mb, 17.09%)

12. Bin (<297]: Age>=0(102.82 Mb, 88.22%), Age>=4(70.62 Mb, 60.59%), Age>=9(20.52 Mb, 17.6%) 13. Bin (<326]: Age>=0(105.6 Mb, 90.6%), Age>=4(73.26 Mb, 62.85%), Age>=9(21.16 Mb, 18.15%)

14. Bin (<367]: Age>=0(108.11 Mb, 92.76%), Age>=4(75.53 Mb, 64.81%), Age>=9(21.73 Mb, 18.64%) 15. Bin (<438]: Age>=0(110.72 Mb, 95.0%), Age>=4(77.99 Mb, 66.91%), Age>=9(22.33 Mb, 19.16%) 16. Bin (<570]: Age>=0(113.05 Mb, 97.0%), Age>=4(80.15 Mb, 68.77%), Age>=9(22.88 Mb, 19.63%)

17. Bin (<864]: Age>=0(114.78 Mb, 98.48%), Age>=4(81.69 Mb, 70.09%), Age>=9(23.29 Mb, 19.98%) 18. Bin (<120705137]: Age>=0(116.55 Mb, 100.0%), Age>=4(83.22 Mb, 71.4%), Age>=9(23.72 Mb, 20.36%)

Histogram of Objects by Access Counts #15



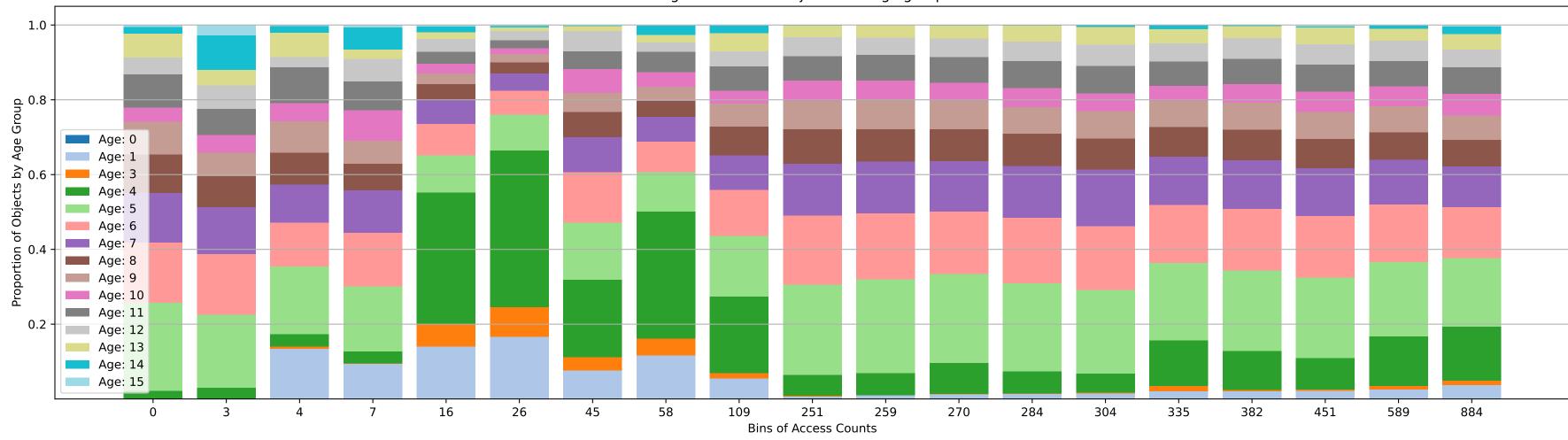
```
Total stats for each bin #15:
Number of non-array objects: ~3950 K, Total: ~5040.23 K
Size of non-array objects: ~116.54 Mb, Total: ~178.32 Mb
0. Bin (-1, 3]: 787K objects, 12514 Kb
1. Bin (3, 4]: 33K objects, 564 Kb
2. Bin (4, 7]: 473K objects, 9610 Kb
```

- 3. Bin (7, 16]: 348K objects, 10683 Kb 4. Bin (16, 26]: 384K objects, 10949 Kb
- 6. Bin (45, 58]: 342K objects, 7325 Kb 7. Bin (58, 109]: 389K objects, 9767 Kb

5. Bin (26, 45]: 414K objects, 11472 Kb

- 8. Bin (109, 251]: 392K objects, 20838 Kb 9. Bin (251, 259]: 40K objects, 3014 Kb 10. Bin (259, 270]: 40K objects, 3061 Kb
- 11. Bin (270, 284]: 38K objects, 2791 Kb
- 12. Bin (284, 304]: 38K objects, 2809 Kb 13. Bin (304, 335]: 39K objects, 2850 Kb
- 14. Bin (335, 382]: 38K objects, 2613 Kb
- 15. Bin (382, 451]: 39K objects, 2579 Kb 16. Bin (451, 589]: 38K objects, 2317 Kb
- 17. Bin (589, 884]: 39K objects, 1744 Kb 18. Bin (884, 120705137]: 39K objects, 1837 Kb

Histogram of bins of objects with age groups #15



```
0. Bin (-1,3], Age-Proportions: [(5, 23.5), (6, 16.17), (7, 13.23), (8, 10.29), (11, 8.95), (9, 8.77), (13, 6.48), (12, 4.41), (10, 3.75), (4, 2.2), (14, 1.67), (15, 0.58), (0, 0.0), (1, 0.0), (3, 0.0)]
 1. Bin (3,4], Age-Proportions: [(5, 19.51), (6, 16.21), (7, 12.51), (14, 9.19), (8, 8.38), (11, 7.06), (9, 6.26), (12, 6.2), (10, 4.69), (13, 4.2), (4, 2.97), (15, 2.77), (1, 0.02), (3, 0.02)]
2. Bin (4,7], Age-Proportions: [(5, 18.11), (1, 13.43), (6, 11.75), (7, 10.21), (11, 9.59), (8, 8.44), (9, 8.4), (13, 6.5), (10, 4.91), (4, 3.3), (12, 2.67), (14, 1.85), (3, 0.59), (15, 0.26), (0, 0.0)]
3. Bin (7,16], Age-Proportions: [(5, 17.38), (6, 14.4), (7, 11.29), (1, 9.41), (10, 8.16), (11, 7.69), (8, 7.17), (12, 6.13), (9, 6.1), (14, 5.91), (4, 3.13), (13, 2.4), (15, 0.65), (3, 0.18), (0, 0.0)]
4. Bin (16,26], Age-Proportions: [(4,35.35), (1,14.08), (5,9.86), (6,8.44), (7,6.4), (3,5.85), (8,4.19), (12,3.38), (11,3.29), (9,2.94), (10,2.49), (13,1.75), (14,1.51), (15,0.46), (0,0.0)]
5. Bin (26,45], Age-Proportions: [(4, 41.97), (1, 16.64), (5, 9.61), (3, 7.87), (6, 6.36), (7, 4.6), (8, 3.06), (12, 2.4), (11, 2.15), (9, 2.13), (10, 1.63), (13, 1.03), (15, 0.3), (14, 0.27), (0, 0.0)]
6. Bin (45,58], Age-Proportions: [(4, 20.72), (5, 15.29), (6, 13.5), (7, 9.28), (1, 7.59), (8, 6.82), (10, 6.44), (12, 5.41), (9, 5.02), (11, 4.76), (3, 3.61), (13, 1.31), (15, 0.15), (14, 0.11)]
```

Age proportions for each bin #15:

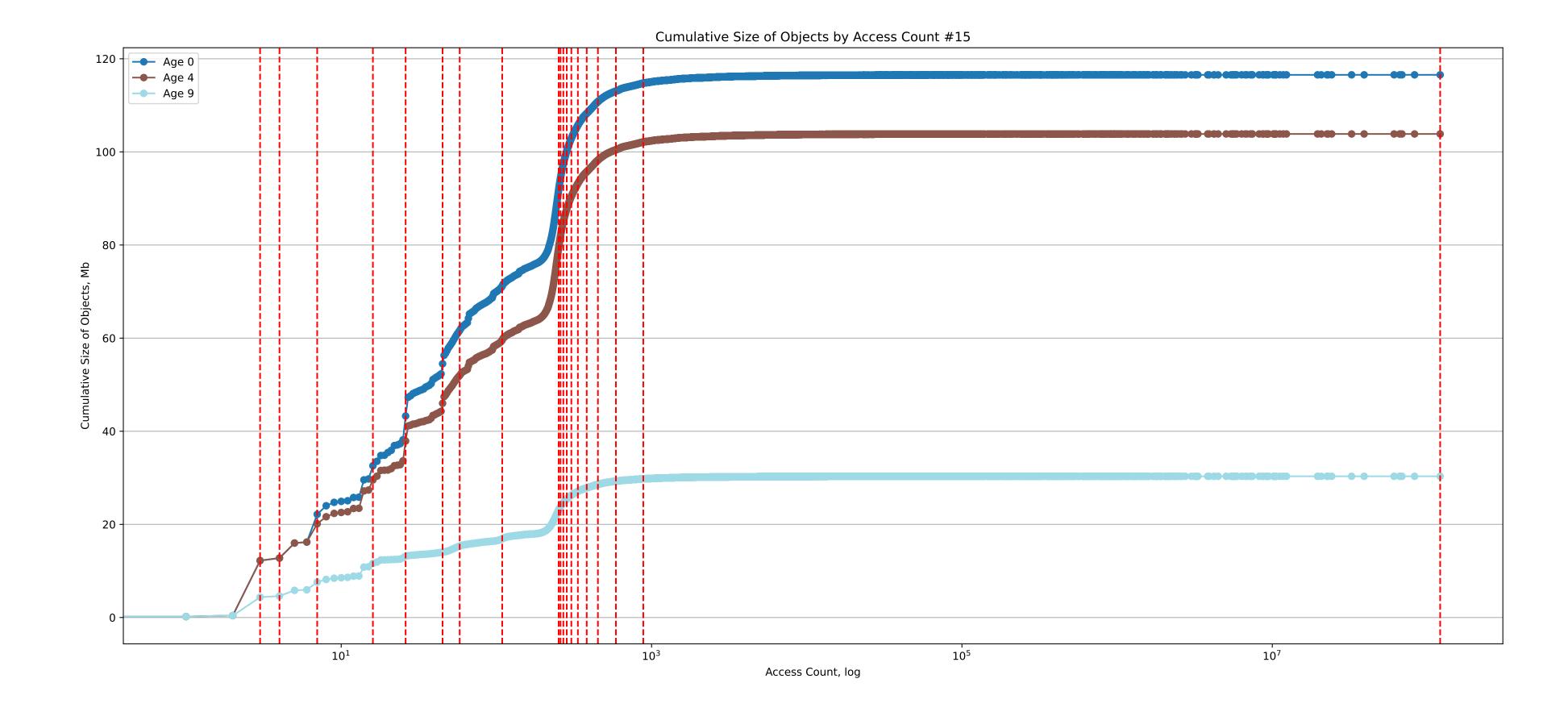
8. Bin (109,251], Age-Proportions: [(4, 20.51), (5, 16.18), (6, 12.28), (7, 9.31), (8, 7.64), (11, 6.55), (9, 6.17), (1, 5.52), (13, 4.87), (12, 4.08), (10, 3.4), (14, 1.94), (3, 1.39), (15, 0.17)] 9. Bin (251,259], Age-Proportions: [(5,24.19),(6,18.47),(7,13.81),(8,9.28),(9,7.53),(11,6.55),(4,5.58),(10,5.41),(12,5.03),(13,3.18),(1,0.68),(3,0.18),(14,0.07),(15,0.04)]10. Bin (259,270], Age-Proportions: [(5, 25.09), (6, 17.73), (7, 13.76), (8, 8.7), (9, 7.97), (11, 6.84), (4, 5.9), (10, 5.07), (12, 4.65), (13, 3.25), (1, 0.98), (14, 0.03), (15, 0.03), (3, 0.01)]

7. Bin (58,109], Age-Proportions: [(4, 33.9), (1, 11.63), (5, 10.6), (6, 8.06), (7, 6.73), (11, 5.49), (3, 4.59), (8, 4.2), (9, 3.89), (10, 3.8), (12, 2.48), (14, 2.48), (13, 1.97), (15, 0.18)]

11. Bin (270,284], Age-Proportions: [(5, 23.77), (6, 16.74), (7, 13.48), (8, 8.56), (4, 8.24), (9, 7.66), (11, 6.88), (12, 4.92), (10, 4.72), (13, 3.5), (1, 1.18), (3, 0.23), (14, 0.07), (15, 0.06)] 12. Bin (284,304], Age-Proportions: [(5, 23.53), (6, 17.49), (7, 13.95), (8, 8.53), (11, 7.19), (9, 7.13), (4, 5.97), (12, 5.3), (10, 5.07), (13, 4.28), (1, 1.42), (14, 0.06), (3, 0.04), (15, 0.04)] 13. Bin (304,335], Age-Proportions: [(5, 22.41), (6, 16.99), (7, 15.18), (8, 8.35), (11, 7.38), (9, 7.25), (12, 5.68), (4, 5.05), (13, 4.75), (10, 4.74), (1, 1.51), (14, 0.42), (3, 0.23), (15, 0.05)] 14. Bin (335,382], Age-Proportions: [(5, 20.7), (6, 15.51), (7, 12.91), (4, 12.21), (8, 7.96), (9, 6.92), (11, 6.62), (12, 4.78), (10, 3.99), (13, 3.8), (1, 2.07), (3, 1.42), (14, 1.01), (15, 0.08)]

15. Bin (382,451], Age-Proportions: [(5, 21.51), (6, 16.45), (7, 12.99), (4, 10.44), (8, 8.22), (9, 7.22), (11, 6.77), (12, 5.55), (10, 4.94), (13, 3.2), (1, 2.14), (3, 0.27), (14, 0.22), (15, 0.06)] 16. Bin (451,589], Age-Proportions: [(5, 21.59), (6, 16.39), (7, 12.84), (4, 8.42), (8, 7.83), (11, 7.28), (9, 7.23), (12, 5.47), (10, 5.36), (13, 4.45), (1, 2.24), (15, 0.44), (3, 0.27), (14, 0.18)]

17. Bin (589,884], Age-Proportions: [(5, 19.86), (6, 15.43), (4, 13.25), (7, 12.01), (8, 7.24), (9, 7.08), (11, 6.71), (12, 5.54), (10, 5.25), (13, 3.18), (1, 2.6), (3, 0.89), (14, 0.84), (15, 0.12)] 18. Bin (884,120705137], Age-Proportions: [(5, 18.33), (4, 14.49), (6, 13.62), (7, 10.9), (11, 7.17), (8, 7.14), (9, 6.45), (10, 5.76), (12, 4.79), (13, 4.06), (1, 3.75), (14, 2.0), (3, 1.14), (15, 0.42)]



```
Cumulative Size for bins Access Counts #15:
0. Bin (<3]: Age>=0(12.22 Mb, 10.49%), Age>=4(12.22 Mb, 10.48%), Age>=9(4.36 Mb, 3.74%)
```

1. Bin (<4]: Age>=0(12.77 Mb, 10.96%), Age>=4(12.77 Mb, 10.96%), Age>=9(4.61 Mb, 3.96%) 2. Bin (<7]: Age>=0(22.16 Mb, 19.01%), Age>=4(20.13 Mb, 17.27%), Age>=9(7.6 Mb, 6.52%)

3. Bin (<16]: Age>=0(32.59 Mb, 27.96%), Age>=4(29.54 Mb, 25.35%), Age>=9(11.63 Mb, 9.98%) 4. Bin (<26]: Age>=0(43.28 Mb, 37.14%), Age>=4(37.9 Mb, 32.52%), Age>=9(13.16 Mb, 11.29%) 5. Bin (<45]: Age>=0(54.49 Mb, 46.75%), Age>=4(46.0 Mb, 39.47%), Age>=9(14.03 Mb, 12.04%)

6. Bin (<58]: Age>=0(61.64 Mb, 52.89%), Age>=4(51.98 Mb, 44.6%), Age>=9(15.34 Mb, 13.16%) 7. Bin (<109]: Age>=0(71.18 Mb, 61.07%), Age>=4(59.59 Mb, 51.13%), Age>=9(16.9 Mb, 14.5%) 8. Bin (<251]: Age>=0(91.53 Mb, 78.53%), Age>=4(79.11 Mb, 67.88%), Age>=9(23.0 Mb, 19.73%)

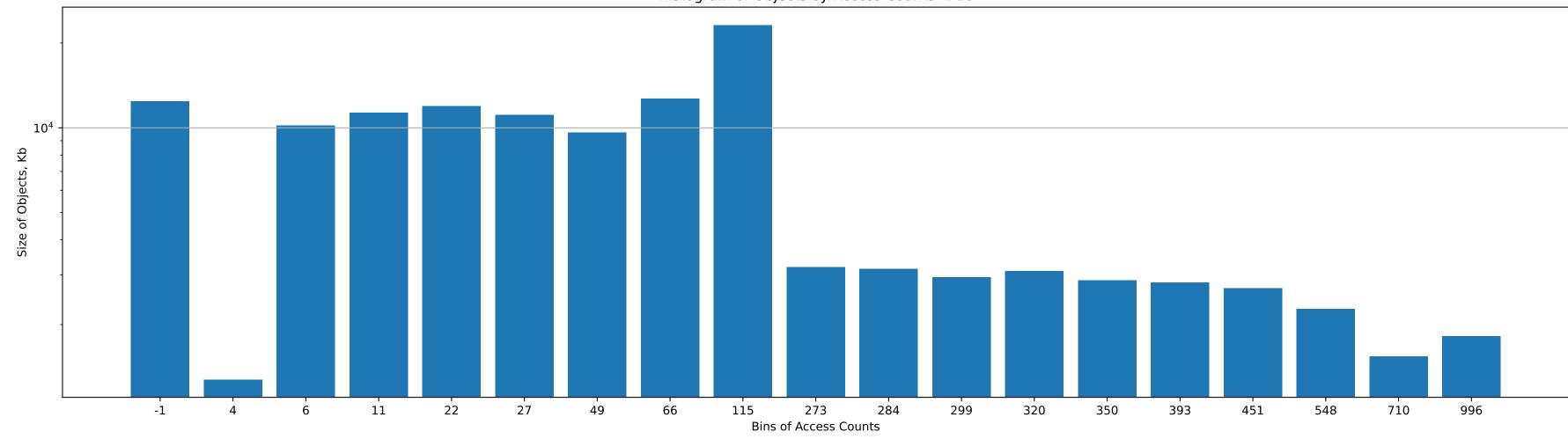
9. Bin (<259]: Age>=0(94.47 Mb, 81.06%), Age>=4(82.05 Mb, 70.4%), Age>=9(23.83 Mb, 20.44%) 10. Bin (<270]: Age>=0(97.46 Mb, 83.62%), Age>=4(85.02 Mb, 72.95%), Age>=9(24.67 Mb, 21.17%) 11. Bin (<284]: Age>=0(100.19 Mb, 85.96%), Age>=4(87.73 Mb, 75.28%), Age>=9(25.46 Mb, 21.84%) 12. Bin (<304]: Age>=0(102.93 Mb, 88.32%), Age>=4(90.46 Mb, 77.62%), Age>=9(26.26 Mb, 22.53%)

13. Bin (<335]: Age>=0(105.72 Mb, 90.71%), Age>=4(93.22 Mb, 79.99%), Age>=9(27.1 Mb, 23.25%) 14. Bin (<382]: Age>=0(108.27 Mb, 92.89%), Age>=4(95.73 Mb, 82.14%), Age>=9(27.84 Mb, 23.89%)

15. Bin (<451]: Age>=0(110.79 Mb, 95.06%), Age>=4(98.22 Mb, 84.28%), Age>=9(28.58 Mb, 24.52%) 16. Bin (<589]: Age>=0(113.05 Mb, 97.0%), Age>=4(100.46 Mb, 86.19%), Age>=9(29.28 Mb, 25.12%) 17. Bin (<884]: Age>=0(114.75 Mb, 98.46%), Age>=4(102.12 Mb, 87.62%), Age>=9(29.78 Mb, 25.55%)

18. Bin (<120705137]: Age>=0(116.55 Mb, 100.0%), Age>=4(103.85 Mb, 89.11%), Age>=9(30.33 Mb, 26.03%)

Histogram of Objects by Access Counts #16

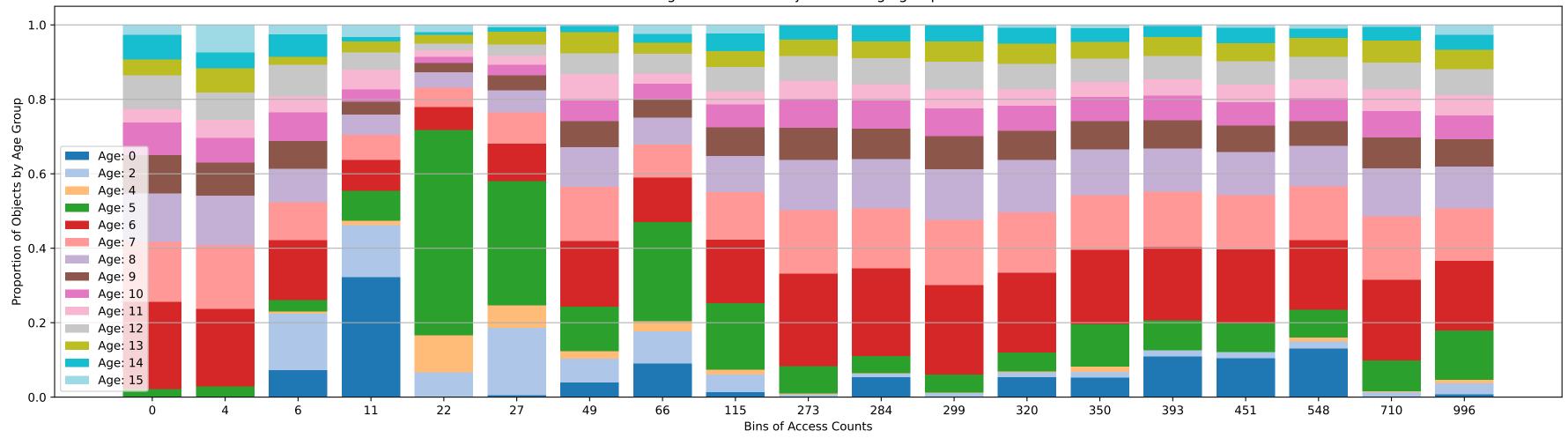


```
Total stats for each bin #16:
```

Number of non-array objects: ~4206 K, Total: ~5167.55 K Size of non-array objects: ~127.27 Mb, Total: ~184.77 Mb

- 0. Bin (-1, 4]: 777K objects, 12418 Kb 1. Bin (4, 6]: 77K objects, 1276 Kb
- 2. Bin (6, 11]: 490K objects, 10214 Kb 3. Bin (11, 22]: 417K objects, 11336 Kb
- 4. Bin (22, 27]: 360K objects, 11957 Kb 5. Bin (27, 49]: 408K objects, 11119 Kb
- 6. Bin (49, 66]: 419K objects, 9633 Kb
- 7. Bin (66, 115]: 421K objects, 12707 Kb
- 8. Bin (115, 273]: 420K objects, 23202 Kb 9. Bin (273, 284]: 43K objects, 3203 Kb
- 10. Bin (284, 299]: 41K objects, 3163 Kb
- 11. Bin (299, 320]: 41K objects, 2948 Kb 12. Bin (320, 350]: 42K objects, 3107 Kb
- 13. Bin (350, 393]: 42K objects, 2875 Kb
- 13. Bin (350, 393]: 42K objects, 2875 Kb 14. Bin (393, 451]: 41K objects, 2827 Kb
- 15. Bin (451, 548]: 42K objects, 2698 Kb
- 16. Bin (548, 710]: 41K objects, 2273 Kb 17. Bin (710, 996]: 42K objects, 1544 Kb
- 18. Bin (996, 120705137]: 42K objects, 1822 Kb

Histogram of bins of objects with age groups #16



```
0. Bin (-1,4], Age-Proportions: [(6, 23.4), (7, 16.05), (8, 13.13), (9, 10.25), (12, 8.95), (10, 8.77), (14, 6.53), (13, 4.32), (11, 3.7), (15, 2.69), (5, 2.17), (0, 0.05), (2, 0.0), (4, 0.0)]

1. Bin (4,6], Age-Proportions: [(6, 20.87), (7, 17.0), (8, 13.39), (9, 8.93), (15, 7.38), (12, 7.33), (10, 6.56), (13, 6.5), (11, 4.84), (14, 4.29), (5, 2.82), (0, 0.09)]

2. Bin (6,11], Age-Proportions: [(6, 16.12), (2, 15.23), (7, 10.2), (8, 8.92), (12, 8.63), (10, 7.62), (9, 7.53), (0, 7.25), (14, 5.96), (11, 4.24), (5, 2.97), (15, 2.59), (13, 2.1), (4, 0.62)]

3. Bin (11,22], Age-Proportions: [(0, 32.25), (2, 13.95), (6, 8.34), (5, 7.96), (7, 6.75), (8, 5.37), (11, 5.31), (12, 4.61), (9, 3.43), (10, 3.41), (15, 3.22), (13, 2.89), (4, 1.26), (14, 1.25)]

4. Bin (22,27], Age-Proportions: [(5, 55.15), (4, 9.96), (2, 6.58), (6, 6.14), (7, 5.21), (8, 4.11), (9, 2.55), (13, 2.34), (15, 1.93), (12, 1.84), (11, 1.68), (10, 1.67), (14, 0.71), (0, 0.12)]

5. Bin (27,49], Age-Proportions: [(5, 33.42), (2, 18.07), (6, 10.01), (7, 8.34), (4, 6.04), (8, 6.03), (9, 4.03), (13, 3.4), (12, 2.96), (10, 2.79), (11, 2.47), (14, 1.21), (15, 0.64), (0, 0.59)]

6. Bin (49,66], Age-Proportions: [(6, 17.52), (7, 14.67), (5, 12.03), (8, 10.55), (11, 7.15), (9, 7.09), (2, 6.38), (12, 5.64), (13, 5.57), (10, 5.47), (0, 3.95), (4, 2.01), (14, 1.64), (15, 0.33)]
```

Age proportions for each bin #16:

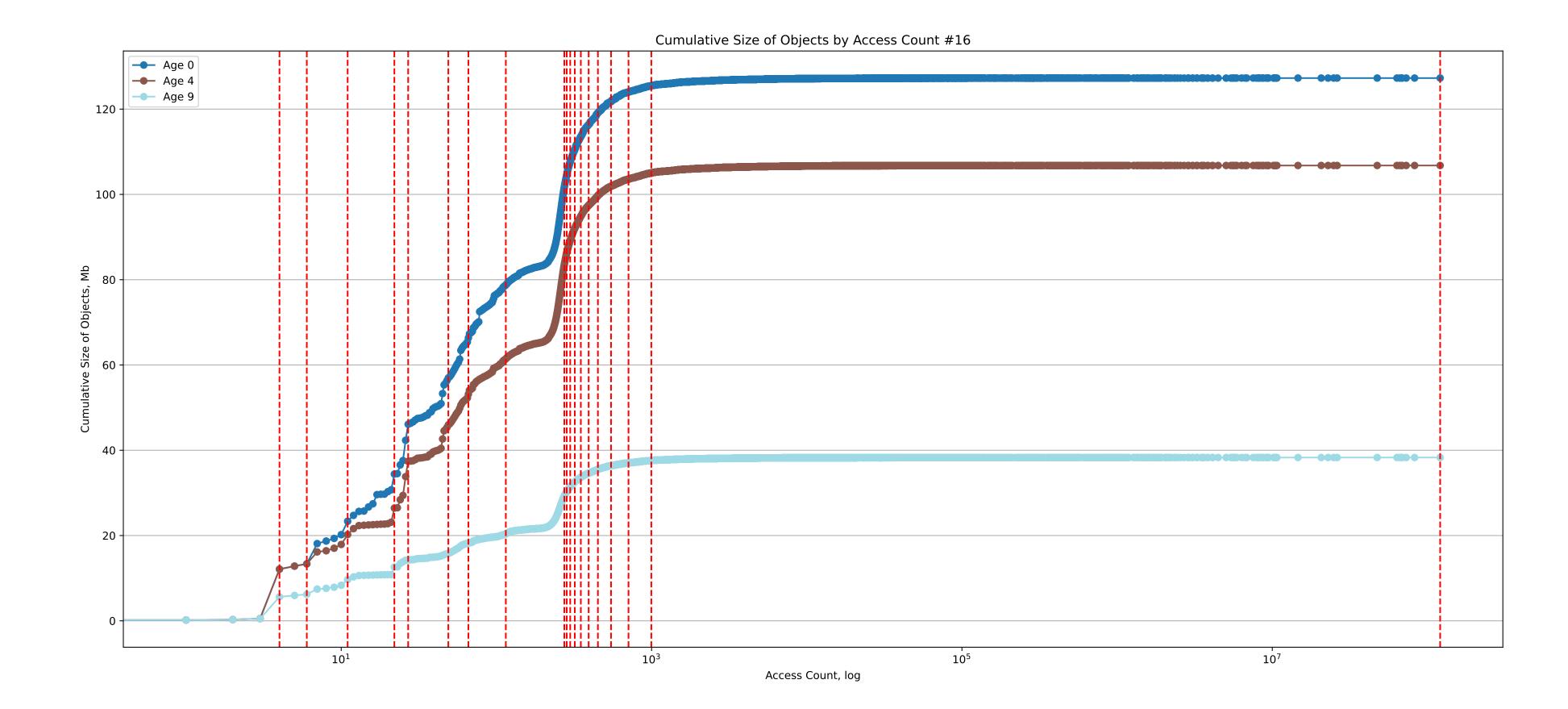
7. Bin (66,115], Age-Proportions: [(5, 26.65), (6, 11.94), (0, 9.09), (7, 8.89), (2, 8.57), (12, 5.39), (12, 5.39), (9, 4.94), (10, 4.15), (13, 2.88), (11, 2.78), (4, 2.77), (14, 2.4), (15, 2.38)]
8. Bin (115,273], Age-Proportions: [(5, 17.93), (6, 16.99), (7, 12.8), (8, 9.7), (9, 7.72), (12, 6.46), (10, 6.11), (2, 4.72), (14, 4.72), (13, 4.3), (11, 3.64), (15, 2.27), (0, 1.37), (4, 1.28)]
9. Bin (273,284], Age-Proportions: [(6, 24.76), (7, 17.12), (8, 13.53), (9, 8.55), (10, 7.73), (5, 7.41), (12, 6.63), (11, 4.91), (13, 4.48), (14, 3.72), (2, 0.82), (4, 0.17), (15, 0.17), (0, 0.01)]

10. Bin (284,299], Age-Proportions: [(6, 23.56), (7, 16.09), (8, 13.16), (9, 8.29), (10, 7.54), (12, 6.88), (0, 5.36), (5, 4.71), (13, 4.6), (11, 4.43), (14, 4.15), (2, 0.99), (15, 0.21), (4, 0.04)]
11. Bin (299,320], Age-Proportions: [(6, 24.04), (7, 17.54), (8, 13.55), (9, 8.88), (10, 7.51), (12, 7.48), (13, 5.46), (11, 5.12), (5, 4.88), (14, 4.18), (2, 1.06), (15, 0.16), (0, 0.08), (4, 0.07)]
12. Bin (320,350], Age-Proportions: [(6, 21.44), (7, 16.18), (8, 14.14), (9, 7.83), (12, 6.81), (10, 6.69), (13, 5.41), (0, 5.34), (5, 5.06), (11, 4.46), (14, 4.27), (2, 1.39), (15, 0.76), (4, 0.22)]

13. Bin (350,393], Age-Proportions: [(6, 19.9), (7, 14.67), (8, 12.39), (5, 11.43), (9, 7.61), (10, 6.52), (12, 6.26), (0, 5.26), (13, 4.56), (11, 3.92), (14, 3.63), (2, 1.57), (4, 1.4), (15, 0.88)]
14. Bin (393,451], Age-Proportions: [(6, 19.56), (7, 15.02), (8, 11.6), (0, 10.9), (5, 8.03), (9, 7.54), (10, 6.59), (12, 6.21), (13, 5.16), (11, 4.43), (14, 2.87), (2, 1.64), (15, 0.34), (4, 0.1)]
15. Bin (451,548], Age-Proportions: [(6, 19.81), (7, 14.66), (8, 11.53), (0, 10.48), (5, 7.66), (9, 7.08), (12, 6.37), (10, 6.34), (13, 4.76), (14, 4.21), (2, 1.57), (15, 0.71), (4, 0.11)]

15. Bin (451,548], Age-Proportions: [(6, 19.81), (7, 14.66), (8, 11.53), (0, 10.48), (5, 7.66), (9, 7.08), (12, 6.37), (10, 6.34), (13, 4.76), (11, 4.7), (14, 4.21), (2, 1.57), (15, 0.71), (4, 0.11)]
16. Bin (548,710], Age-Proportions: [(6, 18.61), (7, 14.48), (0, 13.1), (8, 10.89), (5, 7.54), (9, 6.62), (10, 6.15), (12, 6.09), (11, 5.07), (13, 5.06), (14, 2.49), (2, 1.95), (15, 0.99), (4, 0.96)]
17. Bin (710,996], Age-Proportions: [(6, 21.67), (7, 16.97), (8, 12.9), (5, 8.36), (9, 8.27), (10, 7.15), (12, 7.07), (13, 6.0), (11, 5.93), (14, 3.6), (2, 1.32), (15, 0.52), (4, 0.16), (0, 0.09)]

18. Bin (996,120705137], Age-Proportions: [(6, 18.7), (7, 14.16), (5, 13.22), (8, 11.22), (9, 7.37), (12, 7.1), (10, 6.36), (11, 5.38), (13, 5.12), (14, 3.98), (2, 3.06), (15, 2.71), (4, 0.91), (0, 0.72)]



```
Cumulative Size for bins Access Counts #16:
0. Bin (<4]: Age>=0(12.13 Mb, 9.53%), Age>=4(12.11 Mb, 9.52%), Age>=9(5.62 Mb, 4.41%)
```

1. Bin (<6]: Age>=0(13.37 Mb, 10.51%), Age>=4(13.36 Mb, 10.5%), Age>=9(6.22 Mb, 4.89%) 2. Bin (<11]: Age>=0(23.35 Mb, 18.35%), Age>=4(20.24 Mb, 15.9%), Age>=9(9.69 Mb, 7.61%)

16. Bin (<710]: Age>=0(123.99 Mb, 97.42%), Age>=4(103.56 Mb, 81.36%), Age>=9(37.02 Mb, 29.08%)

3. Bin (<221: Age>=0(34.42 Mb, 27.04%), Age>=4(26.44 Mb, 20.78%), Age>=9(12.61 Mb, 9.91%) 4. Bin (<27]: Age>=0(46.1 Mb, 36.22%), Age>=4(37.39 Mb, 29.37%), Age>=9(14.29 Mb, 11.23%)

5. Bin (<49]: Age>=0(56.96 Mb, 44.75%), Age>=4(45.93 Mb, 36.09%), Age>=9(15.83 Mb, 12.43%) 6. Bin (<66]: Age>=0(66.36 Mb, 52.14%), Age>=4(53.17 Mb, 41.78%), Age>=9(18.24 Mb, 14.33%)

7. Bin (<115]: Age>=0(78.77 Mb, 61.89%), Age>=4(61.44 Mb, 48.27%), Age>=9(20.39 Mb, 16.02%) 8. Bin (<273]: Age>=0(101.43 Mb, 79.69%), Age>=4(83.24 Mb, 65.4%), Age>=9(29.19 Mb, 22.93%) 9. Bin (<284]: Age>=0(104.56 Mb, 82.15%), Age>=4(86.36 Mb, 67.85%), Age>=9(30.35 Mb, 23.84%)

10. Bin (<299]: Age>=0(107.65 Mb, 84.58%), Age>=4(89.21 Mb, 70.09%), Age>=9(31.45 Mb, 24.71%) 11. Bin (<320]: Age>=0(110.53 Mb, 86.84%), Age>=4(92.08 Mb, 72.34%), Age>=9(32.57 Mb, 25.59%) 12. Bin (<350]: Age>=0(113.57 Mb, 89.23%), Age>=4(94.87 Mb, 74.54%), Age>=9(33.66 Mb, 26.44%)

13. Bin (<393]: Age>=0(116.37 Mb, 91.43%), Age>=4(97.44 Mb, 76.56%), Age>=9(34.63 Mb, 27.21%)

14. Bin (<451]: Age>=0(119.13 Mb, 93.6%), Age>=4(99.73 Mb, 78.36%), Age>=9(35.52 Mb, 27.91%) 15. Bin (<548]: Age>=0(121.77 Mb, 95.67%), Age>=4(101.91 Mb, 80.07%), Age>=9(36.38 Mb, 28.58%)

17. Bin (<996]: Age>=0(125.5 Mb, 98.6%), Age>=4(105.05 Mb, 82.54%), Age>=9(37.61 Mb, 29.55%) 18. Bin (<120705137]: Age>=0(127.28 Mb, 100.0%), Age>=4(106.78 Mb, 83.9%), Age>=9(38.3 Mb, 30.09%)