

probability of 0 = 0.03130569408169159
probability of 1 = 0.02771743394540924
probability of 2 = 0.028586380451979913
probability of 3 = 0.029652340389995473
probability of 4 = 0.03052172401560433
probability of 5 = 0.031139702970598832
probability of 6 = 0.03151337378246941
probability of 7 = 0.03166480944132634
probability of 8 = 0.03161932303983313
probability of 9 = 0.0314018949456025
probability of 10 = 0.031035993167475195
probability of 11 = 0.030543206374969156
probability of 12 = 0.029943180034450893
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probability of 14 = 0.02849065283199406
probability of 15 = 0.027668428496311757
probability of 16 = 0.02679975953765241
probability of 17 = 0.025895983725907318
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probability of 19 = 0.024022037996053628
probability of 20 = 0.02306844370472164
probability of 21 = 0.02211309552469967
probability of 22 = 0.021161836386313478
probability of 23 = 0.020219690724101725
probability of 24 = 0.019290943621831803
probability of 25 = 0.0183792141995703
probability of 26 = 0.01748752349120948
probability of 27 = 0.01661835707205791
probability of 28 = 0.015773722702528477
probability of 29 = 0.014955203256832224
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probability of 36 = 0.010021073941663437
probability of 37 = 0.009431658412408159
probability of 38 = 0.008870222250997952
probability of 39 = 0.008336159666527287