or gursay. The marcal = 730 Brit. cubic inches. When grain is sold by weight, 9256·5 lbs. avoird. are reckoned to the garse.

*Commercial Weights,* *&c*. *of India, and of several adjacent States, with their equivalents in British, Bengal Factory, Madras, and Bombay Weights.*

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Commercial Weights, &c** | Avoirdupois. | | | Bengal Factory. | | | Madras. | | | Bombay. | | |
| **Acheen bahar of 200 catties**  **Acheen guncha of 107 nelly**  **Anjengo candy of 20 maunds**  **Batavia pccul of 100**  **catties**  **Bencoolen bahar**  **Bengal factory maund.... Bengal bazaar maund.... Bombay candy of 20**  **maunds**  **Bussorah maund of 76**  **vakias**  **Bussorah maund of 24**  **vakias**  **Galicut maund of 100**  **pools**  **china pecul of 100 cat**  **ties**  **Cochin candy of 20**  **maunds**  **Gombroon bazaar candy. Goa candy of 20 maunds. Jonkceylon bahar of 8**  **capins**  **Madras candy of 20**  **maunds**  **Malacca bahar of 3 peculs**  **Mocha bahar of 15 frazils**  **Muscat custom-house**  **maund**  **Mysore candy of 7 morahs**  **Pegu candy of 150 vis.... Penang ρecul of 100 catties**  **Surat maund of 40 seers. Surat pucca maund**  **Tillycherry candy of**  **20 maunds** | **Lbs.**  **423**  **220**  **560**  **135**  **560**  **74**  **82**  **560**  **90**  **28**  **30**  **133**  **543**  **7**  **495**  **485**  **500**  **405**  **450**  **8**  **560**  **500**  **133**  **37**  **74**  **600** | **Oz.**  **6**  **0**  **0**  **10**  **0**  **0**  **2**  **0**  **4**  **8**  **0**  **5**  **8**  **θ**  **0**  **5**  **0**  **0**  **0**  **2**  **0**  **0**  **5**  **5**  **0**  **0** | **Dr.**  **13**  **0**  **0**  **0**  **0**  **10·7**  **21**  **0**  **0**  **0**  **0**  **53**  **0**  **0**  **0**  **53**  **0**  **0**  **0**  **0**  **0**  **0**  **53**  **5∙3**  **107**  **0** | **Mds**  **5**  **2**  **7**  **7**  **1**  **1**  **7**  **1**  **0**  **0**  **1**  **7**  **0**  **6**  **6**  **6**  **5**  **6**  **0**  **7**  **6**  **1**  **0**  **8** | **S.**  **26**  **37**  **20**  **32**  **20**  **0**  **4**  **20**  **8**  **15**  **16**  **31**  **11**  **4**  **25**  **20**  **28**  **16**  **0**  **4**  **20**  **28**  **31**  **20**  **0**  **0** | **Ch**  **13**  **137**  **0**  **10**  **0**  **0**  **0**  **0**  **5∙6**  **4·3**  **1∙1**  **6**  **26**  **0**  **29**  **0**  **0**  **15**  **11**  **0**  **0**  **6**  **0**  **0**  **2** | **Mds.**  **16**  **8**  **22**  **5**  **22**  **2**  **3**  **22**  **3**  **1**  **1**  **5**  **21**  **0**  **19**  **19**  **20**  **16**  **18**  **0**  **22**  **20**  **5**  **1**  **2**  **24** | **Vis.**  **7**  **6**  **3**  **3**  **3**  **7**  **2**  **3**  **4**  **1**  **1**  **2**  **5**  **2**  **6**  **3**  **0**  **1**  **0**  **2**  **3**  **0**  **2**  **3**  **7**  **0** | **Pol.**  **19**  **16**  **S**  **16**  **8 35·7 11∙3**  **8**  **35∙2**  **4·8**  **24**  **26**  **368**  **16**  **16**  **12**  **0**  **24**  **0**  **32**  **8**  **0**  **26**  **379 35∙7**  **0** | **Mds..**  **15**  **7**  **20**  **4**  **20**  **2**  **2**  **20**  **3**  **1**  **4**  **19**  **0**  **17**  **17**  **17**  **14**  **16**  **0**  **20**  **17**  **4**  **1**  **2**  **21** | **8.**  **4**  **34**  **0**  **33**  **0**  **26**  **37**  **0**  **8**  **0**  **2**  **30**  **16**  **10**  **27**  **13**  **34**  **18**  **2**  **12**  **0**  **34**  **30**  **3**  **26**  **17** | **Pice.**  **27**  **8∙6**  **0**  **22∙4**  **0**  **20**  **10**  **0**  **27 ∙9**  **214**  **25∙7**  **143**  **12·9**  **21·4**  **43**  **10**  **86**  **17∙1**  **25·7**  **15**  **0**  **8∙6 14∙3 10**  **20**  **43** |

*Ionian Isles—*The present British system was introduced in 1828, when the libbra sottile was made equal to 1 lb. troy, the libbra grossa to 1 lb. avoird., the talanto to 100 lbs. avoird., the stadio of 40 carnaco to 1 Brit. furlong, the barrel to 16 Brit. gal­lons, and the kilo of com to 1 Brit. bushel. Of the old weights, 44 okes = 1 quintal = 1234 5 lbs. avoird., or 40 okes = 1 cwt. nearly. Of the old measures, the Zante braccio for cloth =27·18 Brit. inches, the silk braccio = 25∙37 Brit. inches; the Zante barile = 14 68, and the Corfu barile = 15 Brit. gallons. Also 8 misure = 1 corn moggio of Zante = 4·63 Brit. bushels. In land mea­sure, 24 zappade = 8 misure = 1 moggio = 2∙4 Brit. acres.

*Lubeck—*The Cologne mark of 3608 troy grains is used for gold and silver, and 112 lbs. = 8 lisponds = 119·67 lbs. avoird. Two feet = 1 ell = 22·7 Brit. inches ; and 80 kannes = 40 stubgen = 20 viertele = 1 ahm =31·87 Brit. gall. Also 96 scheffels = 24 bar­rels = 8 dromts= 1 last of wheat or rye = 11∙04 Brit. quarters. The last of oats = 12∙95 quarters, and is similarly subdivided.

*Lucca* The common lb. = 0·7418 lb. avoird., but the lb. peso

grosso = 8·234 lbs. avoird. or 11 Leghorn lbs. The braccio for woollens = 23∙8 Brit. inches, but that for silk is an inch less. There are 4 braccio in the canna. The coppo for oil =21·97 Brit. gall. Wine is sold by the Leghorn barile of 20 fiasci, and corn by the staja= two thirds of a Brit. bushel.

*Madeira.—*In general the same as in Portugal ; but in corn mea­sure 23 alquieres are = 24 of Lisbon, and in wine measure 12 almudos are = 13 of Lisbon.

*Majorca—*One hundred rottolos or lbs. = 1 cantaro Berbcresco = 88·2 lbs. avoird. ; 104 rottolos = 4 arrobas= 1 quintal = 91·73 lbs. avoird. ; and 312 rottolos = 3 quintals = 1 carga∙ Also 108 rotto­los = 12 quartins or cortans = 1 odor of oil. The canna = 67∙5 Brit. inches. Of wine, 6·5 corters = 1 quartin = 5∙97 Brit. gall. ; and 6 barcetlas of corn = 1 quarters = 1·94 Brit. bushel.

*Malacca—*One hundred catties = 1 pecul = 135 lbs. avoird. ; 3 peculs make I bahar : and 500 gantons = 50 measures = 1 last = 29 Brit. cwts. nearly. Also 40 peculs = 1 coyau of salt or rice. A kip of tin = 41 lbs. avoird. The buncal, = 832 grains troy, is used for gold and silver. The covid = 18·125 Brit. inches.

*Malta—*One hundred rottoli or lbs. =1 cantar= 174·5 lbs. avoird. Gold and silver are weighed by the lb. of 12 oz. = 4886 grains troy. Eight palmi = 1 canna = 82 Brit.inches; and 16 square tumoli = 1 salma land measure = 4 44 Brit. acres. The

wine barile contains 9∙l7, and the oil caffiso 4·375 Brit. gall. Two caffisos make a barile· The salma corn measure = 7·875 Brit. bushels.

*Morocco.—*The rottolo or commercial lb. = 1·19 lb. avoird., and 100 such lbs = 1 quintal. The market lb. is one half heavier, or = 1·785 lb. avoird. By it iron, bees’ wax, and provisions are sold. The canna for cloth = 21 Brit. inches, but the measures of capa­city are very variable.

*Mauritius.—*In government affairs the British system is used,

but in ordinary business something near the old system of France, reckoning the quintal of 100 lbs. poids de marc = 108 lbs. avoird. ; 20 quintals = 1 French ton ; 100 lbs. French to the bag of coffee, 150 to the bag of rice, and 250 to the bale of cotton. Also 15 French feet are reckoned = 16 Brit. feet, 7 aunes = 9 Brit. yds., 1 arpent = 1∙04375 acre, one velt = 2 old English wine gallons, and 30 volts = 1 cask.

*Mecklenburg—*The weights are chiefly those of Lubeck and Ham­burg, but 100 Rostock lbs. = 1 Brit. cwt. There are 2 feet in the Rostock ell = 22·67 Brit. inches, and 1 scheffel of com = 1∙07 Brit. bushel. The liquid measures are those of Lubeck.

*Mexico*.—In general the same as in Spain ; but the British yd. and French aune are also in use for European goods.

*Minorca—*The weights and dry measures are the same as in Majorca ; and, except the gerra or jar of two quarters, = 2∙65 Brit. gall., the other measures are the same as in Spain.

*Mocha—*Of the weights, 150 nιaunds = 15 frazils = 1 bahar = 450 lbs. avoird. ; 48 carats = 3 coffola = 2 miscals = 146·74 grains troys 10 coffolas = 1 vakia, and 87 vakias = the weight of 100 Spanish dollars. The covid = 19, the guz = 25 Brit. inches ; 8 noosfias = 1 gudda = 1∙8 Brit. gallon ; and 40 kellas dry measure = 1 tomand, which, of rice, is reckoned to weigh 168 lbs. avoird.

*Modena.—*The Modena libbra or lb. = 0·7045 lb. ; the Reggio lb. = 0·7274 lb. avoird., and 100 lbs. = I quintal. The Modena braccio = 24·31 ; and the braccio of Reggio = 20·85 Brit. inches. In land measure, 72 tavole = 1 biolca = 2·8036 Brit. roods. Corn is sold by the stajo, = 1·94 Brit. bushel.

*Moldavia.—*In general the same as in Turkey; but in common trade 25 okes of Galatz are reckoned = 2 Russian poods ; 2400 okes = 7 centners = 700 lbs. of Vienna.

*Montevideo.—*Same as in Spain.

*Mozambique.—*One frazil = 12 lbs. avoird., and 20 frazils = 1 bahar.

*Muscat.—*Twenty·four cuchas = 1 maund = 8¾ lbs. avoird.

*Naples* One hundred rottoli or lbs. = 1 cantaro grosso =

196·45 lbs. avoird. ; 1800 oz. = 150 lbs. = 1 cantaro piccola = 106·07 lbs. avoird. ; and 7200 acini = 360 trapesi = 12 oz. = the lb. of 4050 grains troy, by which gold and silver are weighed. Of the measures, 96 inches = 8 palmi = 1 canna or ell = 83·05 Brit. inches; 15 palmi make 2 passi, and 7000 palmi = 1 mile = 2018 Brit. yds. There are 900 sq. passi in the moggia of land = ∙83l5 Brit. acre. Sixty caralfi = 1 baril of wine or brandy = 9∙6 imp. gall. ; 24 barili = 2 botte =1 carro; 14 barili = 1 pipe; and 256 quarti = 16 staja = 1 salma of oil = 34·91 Brit. gall., and is reckoned to weigh 324 lbs. avoird. Four quarti of corn =2 mezzetti = 1 tomolo = 1·519 Brit. bushels. At Gallipoli, 320 pignatti = 10 staja = 1 salina of oil = 34·11 Brit. gall. The salma at Bari = 36·42 such gallons.

*Nassau.—* The standards are founded on the metrical system of France. Ten inches =1 foot = half a metre = 19∙685 Brit. inches; 10 feet =1 perch, and 100 square perches= 1 morgen =25 ares = ·6178 Brit. acre.

*New Brunswick* Same as in Britain.

*Newfoundland.—*Same as in Britain.

*New Granada* Same as in Spain.

*Norway—*The same as in Denmark. *Nova Scotia.—*The same as in Britain.

*Oldenburg—*The weights are those of Hamburg. Twelve inches

= 1 foot = 11·65 Brit. inches ; and the ell contains 22·76 of same inches. Also 104 kannes=4 ankers=l ohm; 3 ohms · 2 oxhofts ; and 144 scheffels = 18 tonnes = 12 matters = 1 last =80·69 Brit. bushels.

*Parma* Of the weights, 300 ounces = 25 lbs. = 1 rubbio =

18·08 lbs. avoird. The braccio for measuring cloth = 25∙35 Brit. inches, which exceeds that used for silk by 1·95 inch. There are 12 inches in the braccio di ligno used by surveyors, = 21·34 Brit. inches ; and 6 bracci = 1 perch. Also 288 sq. perches = 72 tavole = 6 tari = 1 biolca = nearly ∙75 Brit. acre ; and 16 quarterole = 1 slajo of corn = 1∙413 Brit. bushel.

*Persia—*The weight chiefly used in commerce is the batman, which not only is of different amount in different districts, but depends also on the kind of article to be weighed. At Tabriz, 600 miscals = 300 derhams = 6 rattles = 1 batman = 6·34 lbs. avoird., which is only half the batman of Cherray. There is a derham of nearly 150 grains troy, by which gold and silver are weighed, and