

LEGAL WEIGHTS (IN POUNDS) PER BUSHEL OF VARIOUS COMMODITIES

Department of Commerce and Labor
BUREAU OF STANDARDS
Washington

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TO WHOM IT MAY CONCERN:

In view of the general interest in the subject of units of measurement used in commerce and trade, the following tables are reprinted from the appendix to the compilation of the "Laws Concerning the Weights and Measures of the United States," recently issued by this Bureau.

These tables show the weights in pounds per bushel legally established for various products by the several States and (for customs purposes) by Congress. The lack of agreement between the weights thus locally established is greatly to be regretted; they are published here exactly as they appear in the statutes. The local weights for the more common commodities, such as wheat, corn, and oats, are fairly uniform, but even these do not agree with the weights of standard United States bushel measures of the respective products. In many cases, moreover, in which the weight of the bushel is fixed by law, purchase and sale are also permitted by capacity measures, which deliver quantities differing from those based on the legal weights.

Approved:

V. H. METCALF,

Secretary.

S. W. STRATTON,

Director.

The list below includes products for which legal weights have been fixed in but one or two States.

Apple seeds, 40 pounds (Rhode Island and Tennessee).
Beggarweed seed, 62 pounds (Florida).
Blackberries, 32 pounds (Iowa); 48 pounds (Tennessee); dried, 28 pounds (Tennessee).
Blueberries, 42 pounds (Minnesota).
Bromus inermis, 14 pounds (North Dakota).
Cabbage, 50 pounds (Tennessee).
Canary seed, 60 pounds (Tennessee).
Cantaloupe melon, 50 pounds (Tennessee).
Cement, 80 pounds (Tennessee).
Cherries, 40 pounds (Iowa); with stems, 56 pounds (Tennessee); without stems, 64 pounds (Tennessee).
Chestnuts, 50 pounds (Tennessee); 57 pounds (Virginia).
Chufa, 54 pounds (Florida).
Cotton seed, staple, 42 pounds (South Carolina).
Cucumbers, 48 pounds (Missouri and Tennessee); 50 pounds (Wisconsin).
Currants, 40 pounds (Iowa and Minnesota).
Feed, 50 pounds (Massachusetts).
Grapes, 40 pounds (Iowa); with stems, 48 pounds (Tennessee); without stems, 60 pounds (Tennessee).
Guavas, 54 pounds (Florida).
Hickory nuts, 50 pounds (Tennessee).
Hominy, 60 pounds (Ohio); 62 pounds (Tennessee).
Horseradish, 50 pounds (Tennessee).
Italian rye-grass seed, 20 pounds (Tennessee).
Johnson grass, 28 pounds (Arkansas).

Kaffir corn, 56 pounds (Kansas).
Kale, 30 pounds (Tennessee).
Laud plaster, 100 pounds (Tennessee).
Meal (1), 46 pounds (Alabama); unbolted, 48 pounds (Alabama).
Middlings, fine, 40 pounds (Indiana); coarse middlings, 30 pounds (Indiana).
Millet, Japanese barnyard, 35 pounds (Massachusetts).
Mustard, 30 pounds (Tennessee).
Plums, 40 pounds (Florida); 64 pounds (Tennessee).
Plums, dried, 28 pounds (Michigan).
Popcorn, 70 pounds (Indiana and Tennessee); in the ear, 42 pounds (Ohio).
Prunes, dried, 28 pounds (Idaho); green, 45 pounds (Idaho).
Quinces, 48 pounds (Florida, Iowa, and Tennessee).
Rape seed, 50 pounds (Wisconsin).
Raspberries, 32 pounds (Kansas); 48 pounds (Tennessee).
Rhubarb, 50 pounds (Tennessee).
Sage, 4 pounds (Tennessee).
Salads, 30 pounds (Tennessee).
Sand, 130 pounds (Iowa).
Spelt or spiltz, 40 pounds (North Dakota); 45 pounds (South Dakota).
Spluach, 30 pounds (Tennessee).
Strawberries, 32 pounds (Iowa); 48 pounds (Tennessee).
Sugar-cane seed, 57 pounds (New Jersey).
Velvet-grass seed, 7 pounds (Tennessee).
Walnuts, 50 pounds (Tennessee).

On the pages following are tabulated the products for which legal weights have been more widely established.

LEGAL WEIGHTS (IN POUNDS) PER BUSHEL.

	Apples.			Beans.		Beets.	Blue-grass seed.	Bran.*	Broom-corn seed.	Buckwheat.	Carrots.	Charcoal.	Clover seed.	Coal.						Corn.				Corn meal.*											
	Apples.*	Dried apples.	Barley.	Beans.*	Castor beans (shelled).									Coal.*	Anthracite coal.	Bituminous coal.	Cannel coal.	Mineral coal.	Stone coal.	Coke.	Corn.*	Corn in ear, husked.	Corn in ear, unhusked.			Shelled corn.									
U. S.			48		50					42															56					48	U. S.				
Ala.		24	47	60																							70	75	56		Ala.				
Ariz.			45	a55																											Ariz.				
Ark.	b50	24	48	a60			14	20	48	52																	70	74	56	48	Ark.				
Cal.			50							40																					Cal.				
Colo.			48	60			14			52			60	80					80								70				Colo.				
Conn.	48	25	48	60		c60		20		48	50	20	60																		Conn.				
Del.												20																				Del.			
D. C.																																D. C.			
Fla.	b48	24	48	a60	48			20																				70	56	48	Fla.				
Ga.		24	47	e60			14	f20		52			60														80		56	48	Ga.				
Hawaii			48																													Hawaii.			
Idaho.	b45	28	48							42			60																			Idaho.			
Ill.		24	48	e60	46		14	20		52			60														80		70	56	48	Ill.			
Ind. T.																																Ind. T.			
Ind.		25	48	60	46		14			50			60																			Ind.			
Iowa.	48	24	48	60	46		14	20	30	52		20	60																			Iowa.			
Kans.	b48	24	48	60	46		i14	20		50			60														80					Kans.			
Ky.		24	47	e60	*45		14	20		56			60	76	76	76	76	76	76	76												Ky.			
La.			48																														La.		
Me.	44		48	60		60				48	50																					Me.			
Md.												20																					Md.		
Mass.	48	25	48	m60				20		48	50		60																			Mass.			
Mich.	48	22	48	60	46		14			48			60															80				Mich.			
Minn.	b50	28	48	60		50	14		57	50	45	20	60	80																		Minn.			
Miss.		26	48	e60	46		14	20		48			60															80				Miss.			
Mo.	48	24	48	60	46		14	20		52	50		69															80				Mo.			
Mont.	45		48	60		50	14	20		52	50		60															76				Mont.			
Nebr.		24	48	e60	46		14	20		52			60																			Nebr.			
Nev.																																	Nev.		
N. H.				62																													N. H.		
N. J.	50	25	48	60						50			64																				N. J.		
N. Mex.																																	N. Mex.		
N. Y.	48	25	48	60				20		48	50		60																				N. Y.		
N. C.			48							50			60																				N. C.		
N. Dak.	50		48	60		60		20	30	42			60																				N. Dak.		
Ohio.	50	24	48	60		56				50	50		60						80	79												Ohio.			
Okla.			48	60		60		20	30	42			66																				Okla.		
Oreg.	45	28	46							42			60																					Oreg.	
Pa.			47							48	p18		60	r75		76																	Pa.		
R. I.	48	25	48	60	46	50		20		48	50	20	60	80																			R. I.		
S. C.																																		S. C.	
S. Dak.			48	60		60		20	30	42			60																				S. Dak.		
Tenn.	b50	24	48	60	46	50	14	20	42	50	50	22	u60																				Tenn.		
Tex.	45	28	48	e60				20		42			60																					Tex.	
Utah.												22	60																					Utah.	
Vt.	46		48	62		60				48	50		60																					Vt.	
Va.		28	48	e60			14			52			60																					Va.	
Wash.	b45	28	48							42			60																					Wash.	
W. Va.		25	48	60						52			60						80															W. Va.	
Wis.	50	25	48	60		50		20		50	50		60																					Wis.	
Wyo.																																			Wyo.

* Not defined.

a Small white beans, 60 pounds.

b Green apples.

c Sugar beets and mangel wurzel.

d Shelled beans, 60 pounds; velvet beans, 78 pounds.

e White beans.

f Wheat bran.

g Corn in ear, 70 pounds until Dec. 1 next after grown; 68 pounds thereafter.

h In the cob.

i English blue-grass seed, 22 pounds; native blue-grass seed, 14 pounds.

j Indian corn in ear.

k Corn in ear, from Nov. 1 to May 1 following, 70 pounds; 68 pounds from May 1 to Nov. 1.

l Indian-corn meal.

m Soy beans, 58 pounds.

n Cracked corn.

o Green unshelled beans, 30 pounds.

p Commercially dry, for all hard woods.

q Fifteen pounds commercially dry, for all soft woods.

r Standard weight in borough of Greensburg.

s Standard weight bushel corn meal bolted or unbolted, 48 pounds.

t Dried beans.

u Red and white.

v Green unshelled corn, 100 pounds.

LEGAL WEIGHTS (IN POUNDS) PER BUSHEL—Continued.

	Corn meal, bolted.		Cotton seed.		Cranberries.	Flaxseed (linseed).	Gooseberries.	(Plastering) hair.	Hemp seed.	Herds grass.	Hungarian grass seed.	Indian corn or maize.	Lime.		Malt.	Millet.	Oats.	Onions.		Orchard grass seed.	Osage orange seed.	Parsnips.	Peaches.					
	Corn meal, unbolted.	Cotton seed,*	Sea Island cotton seed.	Upland cotton seed.									Lime,*	Unslacked lime.				Onions.*	Onion sets.				Peaches,*	Dried peaches, peeled.				
U. S.						56									34				32						U. S.			
Ala.			32																32						38	Ala.		
Ariz.																			32							Ariz.		
Ark.			33½			56										50			32	57					33	Ark.		
Cal.												52							32							Cal.		
Colo.								44				56	80						32	57						Colo.		
Conn.			44	30		55			45			56	70						32	52			45		33	Conn.		
Del.	44	48										56														Del.		
D. C.																										D. C.		
Fla.			32	46													50		32	56				a 54	33	Fla.		
Ga.			30			56		8	44										32	57						Ga.		
Hawaii												56								32						Hawaii.		
Idaho.						56						56								33						Idaho.		
Ill.						56		8	44										32	57						Ill.		
Ind. T.																										Ind. T.		
Ind.					33			44							b 35	50	32	48		14	33	55				Ind.		
Iowa.						56	40	44				50	80			50	32	57			32			48		Iowa.		
Kans.						56		c 8	44		50	d 56			80	32	50									Kans.		
Ky.						56		8	44		50				35	50	d 32	57	e 36	14						Ky.		
La.																										La.		
Me.								11	45								f 32	52				45				Me.		
Md.																	26									Md.		
Mass.			44	30		55			45		d 56	70						32	52						33	Mass.		
Mich.					40	56		44			50		70			50	32	54		14	33					28	Mich.	
Minn.						36	40	e 8	50		48		80			48	32	52		14		42				28	Minn.	
Miss.	44	48	32			56		44			50		80	38	50	32	57									33	Miss.	
Mo.			33			56		44			48			38	50	32	57	g 28	14	36	44	48			33	Mo.		
Mont.						56		44			50		80	30		32	57				50					33	Mont.	
Nebr.						56		8	44		50		80	30	50	32	57	25		32						33	Nebr.	
Nev.																											Nev.	
N. H.																			32								N. H.	
N. J.						55						56					30	57								33	N. J.	
N. Mex.																											N. Mex.	
N. Y.			44	30		55			45			56	70					32	57							33	N. Y.	
N. C.	46	48	30			55						56							32								N. C.	
N. Dak.						56							80			50	32	52									N. Dak.	
Ohio.						56		44			50		70	34	50	32	55							48	33	Ohio.		
Okla.						56							80					32	52								Okla.	
Oreg.											56							32									28	Oreg.
Pa.											56							32	50									Pa.
R. I.			44	30		56		44			50		70	38	50	32	50					50	48		33		R. I.	
S. C.	46	48	30	(1)									80					32	52								S. C.	
S. Dak.						56							80					32	52								S. Dak.	
Tenn.	50	48	28			56	48	8	44		48		(h) 80		i 50	32	j 56	k 28	14	33	50	l 50			26	Tenn.		
Tex.			32			56		44			48					50	32	57						50			28	Tex.
Utah.																		32	52								Utah.	
Vt.			32			56		8	44	12	48		80	38	50	30	57	28	14	34						40	Vt.	
Va.						56																						Va.
Wash.						56						56						32									28	Wash.
W. Va.						56												32									33	W. Va.
Wis.			44	30		56		8	44		48	56	70	80	34	50	32	57				44				33	Wis.	
Wyo.																												Wyo.

* Not defined.

a Green peaches.

b Malt rye.

c Unwashed plastering hair, 8 pounds; washed plastering hair, 4 pounds.

d Shelled.

e Bottom onion sets.

f Strike measure.

g Top onion sets.

h Slacked lime, 40 pounds.

i German Missouri and Tennessee millet seed.

j Matured onions.

k Button onion sets, 32 pounds.

l Matured.

LEGAL WEIGHTS (IN POUNDS) PER BUSHEL—Continued.

	Dried peaches, un- peeled,	Peanuts.	Pears.*	Pease.			Potatoes.			Red top.	Rough rice.	Rice corn.	Rutabagas.	Rye meal.	Rye.	Salt.			Sorghum seed.	Tomatoes.	Timothy seed.	Turnips.		Wheat.						
				Ground pease.	Green pease, unshelled.	Peas.*	Potatoes.*	Sweet pota- toes.	White pota- toes.							Salt.*	Fine salt.	Coarse salt.				Turnips.*	Common Eng- lish turnips.							
U. S.						60	60								56											60	U. S.			
Ala.	33					60		55	60						56											55	60	Ala.		
Ariz.															56												60	Ariz.		
Ark.	33					60	60	50		14					56	50				50		60				57	60	Ark.		
Cal.															54												60	Cal.		
Colo.							60								56	80									45		60	Colo.		
Conn.	33					60	60	54	60		45		60	50	56		50	70	20							50	60	Conn.		
Del.																												60	Del.	
D. C.							60																					60	D. C.	
Fla.		22	60				60	60							56	60					56					54		60	Fla.	
Ga.	33			25			60		55	60				43											45	55		60	Ga.	
Hawaii															56													60	Hawaii	
Idaho.				a45			60								56													60	Idaho.	
Ill.	33							50	60						56		55	50							45	55		60	Ill.	
Ind. T.																													Ind. T.	
Ind.	33						60	55							56	50								45	55		60	Ind.		
Iowa.	33						60	46							56	50				b30			45	45			60	Iowa.		
Kans.	33						60	50				56			56	50				56			45	55			60	Kans.		
Ky.					24		60	60	55	60					56	50	55						45	60			60	Ky.		
La.															56													60	La.	
Me.						60	60						60	50	50		60	70									50	60	Me.	
Md.						56																60							60	Md.
Mass.						60	60	54			45			50	56		50	70	20				45				60	Mass.		
Mich.						60		56	60	c14					56	56							45	58			60	Mich.		
Minn.						60		55	60	c14			52		56						57		45				60	Minn.		
Miss.				24			60		60	60					56	50				42			45	55			60	Miss.		
Mo.			48		56	d60		56	60	c14			50		56	50				42	45	45			42		60	Mo.		
Mont.			45			60	60								56	50							45	50			60	Mont.		
Nebr.						60		50	60						56	50				30			45	55			60	Nebr.		
Nev.																													60	Nev.
N. H.						60	60							50	56													60	N. H.	
N. J.						60		54	60						56													60	N. J.	
N. Mex.																													N. Mex.	
N. Y.						60		54	60		45			50	56		56	70	20				45				60	N. Y.		
N. C.		22				60					44				56												60	N. C.		
N. Dak.						60		46	60						56	80							45	60			60	N. Dak.		
Ohio.						60		50	60						56						56		45	60			60	Ohio.		
Okla.						60		46	60						56	80							42	60			60	Okla.		
Oreg.			45			60									56													60	Oreg.	
Pa.						56									56													60	Pa.	
R. I.						d60		54	60					50	56		50	70	20			56	45	50			60	R. I.		
S. C.																													S. C.	
S. Dak.						60		46	60						56	80							42	60			60	S. Dak.		
Tenn.		23	e56		30	60		50	60	c14					56	50					50	56	45	50			60	Tenn.		
Tex.								55	60						56	50						55	45	55				60	Tex.	
Utah.																													Utah.	
Vt.						60	60								56	70							45	60			60	Vt.		
Va.	32	22				f60		56	56	12				56	50							45	55				60	Va.		
Wash.				a45			60								56													60	Wash.	
W. Va.						60									56													60	W. Va.	
Wis.						60		54	60		45			56	50	70	20						45	42			60	Wis.		
Wyo.																													Wyo.	

*Not defined.

a Green.
b Sorghum saccharatum seed.
c Seed.d Including split pease.
e Matured pease, 56 pounds; dried
pease, 26 pounds.f Black-eyed pease.
g India wheat, 46 pounds.
h Ground salt, 70 pounds.