

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.		Blue-grass seed.	Broom-corn seed.	Buckwheat.	Carrots.	Charcoal.	Clover seed.	Coal.					Coke.	Corn.				Corn meal.*				
	Apples.*	Dried apples.	Barley.	Beans.*	Castor beans (shelled).							Beets.	Bran.*	Broom-corn seed.	Buckwheat.	Carrots.		Charcoal.	Clover seed.	Coal.*	Anthracite coal.			Bituminous coal.	Cannel coal.	Mineral coal.
U. S.			48		50														56					48	U. S.	
Ala.	24	47	60																	70	75	56			Ala.	
Ariz.		45	a55																	54					Ariz.	
Ark.	b50	24	48	a60		14	20	48	52		60									70	74	56	48		Ark.	
Cal.			50						40																	Cal.
Colo.		48	60			14		52			60	80				80				70				50	Colo.	
Conn.	48	25	48	60		e60	20	48	50	20	60		80												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			70		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					80				(g)		56	50		Ind.	
Iowa.	48	24	48	60	46	14	20	30	52	20	60						80	38		h70		56			Iowa.	
Kans.	b48	24	48	60	46	i14	20	50			60						80			j70					Kans.	
Ky.		24	47	e60	*45	14	20	56			60	76	76	76	76	76	76		k70			56	50		Ky.	
La.			48																							La.
Me.	44		48	60		60		48	50											56			150		Me.	
Md.										20																Md.
Mass.	48	25	48	m60			20	48	50		60										n50		50		Mass.	
Mich.	48	22	48	60	46	14		48			60					80				h70		56	50		Mich.	
Minn.	b50	28	48	60		50	14	57	50	45	20	60	80							70		56			Minn.	
Miss.		26	48	e60	46	14	20	48			60						80				72		56	48	Miss.	
Mo.	48	24	48	60	46	14	20	52	50		69					80					70	56	50		Mo.	
Mont.	45		48	60		50	14	20	52	50	60					76				70		56	50		Mont.	
Nebr.		24	48	e60	46	14	20	52			60						80			70		56	50		Nebr.	
Nev.																										Nev.
N. H.				62																56				50	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													50	N. Y.	
N. C.			48					50			60															N. C.
N. Dak.	50		48	60		60	20	30	42		60						80			70		56			N. Dak.	
Ohio.	50	24	48	60		56		50	50		60			80	79			40		68		56			Ohio.	
Okla.			48	60		60	20	30	42		66						80			70		56			Okla.	
Oreg.	45	28	46					42			60															Oreg.
Pa.			47					48	p18		60	r75	76					40	58						Pa.	
R. I.	48	25	48	60	46	50	20	48	50	20	60	80						40		70		56	50		R. I.	
S. C.																								s48		S. C.
S. Dak.			48	60		60	20	30	42		60						80			70		56			S. Dak.	
Tenn.	b50	24	48	60	46	50	14	20	42	50	50	22	u60				80	40		70	v74	56			Tenn.	
Tex.	45	28	48	e60			20	42			60						80			70	72	56			Tex.	
Utah.																										Utah.
Vt.	46		48	62		60		48	50		60															Vt.
Va.		28	48	e60		14		52			60						80			70		56	50			Va.
Wash.	b45	28	48					42			60															Wash.
W. Va.		25	48	60				52			60		80							56						W. Va.
Wis.	50	25	48	60		50	20	50	50		60													50		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.		Grapes.	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						80	38			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		e 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		48		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																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)																							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.																											Utah.	
Vt.						56		8	44	12	48			80	38	50	30	57	28	14	34					40	Vt.	
Va.			32			56																						Va.
Wash.						56					56																28	Wash.
W. Va.						56																					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.															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	D. C.	
Fla.		22	60					60	60						56	60					56						54	60	Fla.	
Ga.	33			25				55	60		43				56											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						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.																													60	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.																													60	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.																													60	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.																													60	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.