

FDA ACE Quantity Data Instructions

FDA QUANTITY CODES

The tables below list the valid unit of measure codes for FDA ACE Cargo Release entries. Use of a code not included on the list will result in an ACE entry rejection. Each level of packaging should be declared. The same code cannot be declared more than once. The last Unit of Measure transmitted must be a base unit. Examples are provided below.

*The use of quantity data fields is described in detail within the FDA's Supplemental Guide. Refer to the current version of FDA's Supplemental Guide for limitations on Units of Measure based on commodity.

Valid FDA Units of Measure for Packaging Containers

Code	Description
AE	Aerosol
AM	Ampoule, Non-Protected
AP	Ampoule, Protected
AT	Atomizer
BA	Barrel (Container)
BB	Bobbin
BC	Bottlecrate, Bottlerack
BD	Board
BE	Bundle
BF	Balloon, Non-Protected
BG	Bag
BH	Bunch
BI	Bin
BJ	Bucket
BK	Basket
BL	Bale, Compressed
BN	Bale, Non-Compressed
BO	Bottle, Non-Protected, Cyl
BP	Balloon, Protected
BQ	Bottle, Protected, Cylnd
BR	Bar
BS	Bottle, Non-Prot Bulbous
BT	Bolt
BU	Butt
BV	Bottle, Protected Bulbous
BX	Box
BY	Board in Bndl/Bnch/Truss
BZ	Bars in Bundle/Bunch/Trus
CA	Can, Rectangular
CAG	Cage
CB	Crate, Beer

Code	Description
CC	Churn
CE	Creel
CF	Coffer
CH	Chest
CI	Canister
CJ	Coffin
CK	Cask
CL	Coil
CO	Carboy, Non-Protected
CON	Container
CP	Carboy, Protected
CTR	Cartridge
CR	Crate
CS	Case
CT	Carton
CU	Cup
CV	Cover
CX	Can, Cylindrical
CY	Cylinder
CZ	Canvas
DJ	Demijohn, Non-Protected
DP	Demijohn, Protected
DR	Drum
EN	Envelope
FC	Crate, Fruit
FD	Crate, Framed
FI	Firkin
FL	Flask
FO	Footlocker
FP	Filmpack
FR	Frame
GB	Bottle, Gas
GI	Girders
GZ	Girders in Bndl/Bnch/Trus
HG	Hogshead
HR	Hamper
ING	Ingot
IZ	Ingots in Bundle/Bnch/Trs
JC	Jerrican, Rectangular
JG	Jug
JR	Jar
JT	Jutebag

Code	Description
JY	Jerrican, Cylindrical
KEG	Keg
KIT	Kit
LG	Log
LZ	Logs In Bundle/Bunch/Trus
MB	Bag, Multi-ply
MC	Crate, Milk
MS	Sack, Muiwall
MT	Mat
MX	Matchbox
NE	Unpacked Or Unpackaged
NS	Nest
NT	Net
PA	Packet
PAL	Pallet
PC	Parcel
PG	Plate
PH	Pitcher
PI	Pipe
PK	Package/Pack
PL	Pail
PN	Plank
PO	Pouch
PT	Pot
PU	Tray or Tray Pack
PY	Plates in Bndl/Bnch/Truss
PZ	Planks or Pipes, Bnd/Bnch
RD	Rod
RG	Ring
RL	Reel
RO	Roll
RT	Rednet
RZ	Rods in Bundle/Buch/Truus
SA	Sack
SC	Crate, Shallow
SD	Spindle
SE	Sea-chest
SH	Sachet
SK	Case, Skeleton
SL	Slipsheet
SM	Sheetmetal
ST	Sheet

Code	Description
SU	Suitcase
SW	Shrinkwrapped
SZ	Sheets in Bndl/Bnch/Truss
SY	Syringe
TB	Tub
TC	Tea-Chest
TD	Tube, Collapsible
TK	Tank, Rectangular
TN	Tin
TO	Tun
TR	Trunk
TS	Truss
TU	Tube
TY	Tank, Cylindrical
TZ	Tubes in Bndl/Bnch/Truss
VA	Vat
VG	Bulk Gas at 1031 MBAR
VI	Vial
VL	Bulk Liquid
VO	Bulk,Solid,Lg Particles
VP	Vacuum-packed
VQ	Bulk Liquified Gas
VR	Bulk,Solid,Granular Parti
VY	Bulk,Solid,Fine Particle
WB	Wickerbottle

Valid FDA Units of Measure for the Base Unit (Last Quantity Transmitted)

Code	Description	Measure Type
KM2	1,000 Square Meters	Area
M2	Square Meters	Area
SFT	Square Feet	Area
SQI	Square Inches	Area
SYD	Square Yards	Area
DOZ	Dozen	Count
DPC	Dozen Pieces	Count
DPR	Dozen Pairs	Count
GR	Gross	Count
NO	Number	Count
PCS	Pieces	Count
PRS	Pairs	Count
BOL	Boluses	Dosage
CAP	Capsules	Dosage

Code	Description	Measure Type
SUP	Suppositories	Dosage
TAB	Tablets	Dosage
AU	Allergy Units (ml or tablet)	Dosage
BAU	Bioequivalent Allergy Units (ml or tablet)	Dosage
PNU	Protein Nitrogen Units	Dosage
CM	Centimeters	Length
FT	Feet	Length
IN	Inch	Length
KM	Kilometers	Length
LNM	Linear Meters	Length
M	Meters	Length
YD	Yards	Length
BBL	Barrels (42 Gallons Ea)	Volume
CFT	Cubic Feet	Volume
CM3	Cubic Centimeters	Volume
CYD	Cubic Yards	Volume
FOZ	Ounces, fluid	Volume
GAL	Gallons (US)	Volume
KM3	1,000 Cubic Meters	Volume
L	Liters	Volume
M3	Cubic Meters	Volume
ML	Milliliters	Volume
PTL	Pints, liquid (US)	Volume
QTL	Quarts, liquid (US)	Volume
CAR	Carats	Weight
CG	Centigrams	Weight
G	Grams	Weight
KG	Kilograms	Weight
LB	Pounds (avdp)	Weight
MCG	Micrograms	Weight
MG	Milligrams	Weight
OZ	Ounces, weight (avdp)	Weight
STN	Short Ton (2000 LB)	Weight
T	Metric Ton	Weight
TON	Long Ton (2240 LB)	Weight
TOZ	Ounces, Troy or Apoth	Weight

The following are some examples by commodity type.

Biologics

Example: Blood Derivatives; 25 boxes, 8 bottles/box, 1 pint each bottle

Units 1-Quantity	25
Units 1-Measure	BX
Units 2-Quantity	8
Units 2-Measure	BO
Units 3-Quantity	1
Units 3-Measure	PTL

Drugs

Example: 100 Cartons Aspirin, 24 bottles, 100 tablets 325 mg

Units 1-Quantity	100
Units 1-Measure	CT
Units 2-Quantity	24
Units 2-Measure	BO
Units 3-Quantity	100
Units 3-Measure	TAB

In this case, the invoice description contains the strength of the aspirin tablets. The product quantity is listed using the "Tablets" quantity unit code.

Foods

Example: 1000 cases of mineral water, 24/12 ounce bottles in each case

Units 1-Quantity	1000
Units 1-Measure	CS
Units 2-Quantity	24
Units 2-Measure	BO
Units 3-Quantity	12
Units 3-Measure	FOZ

Medical Devices

Example: 200 Cartons of 6 boxes of PEDIATRIC TOURNIQUET CUFF SET in each carton 8 pieces per box

Units 1-Quantity	200
Units 1-Measure	CT
Units 2-Quantity	6
Units 2-Measure	BX
Units 3-Quantity	8
Units 3-Measure	PCS

For Medical Devices, the lowest unit of measure must be PCS (Pieces – Count).

Tobacco

Example: 1000 cartons of cigarettes, 10 packs in each carton, 20 cigarettes in each pack

Units 1-Quantity	1000
Units 1-Measure	CT
Units 2-Quantity	10
Units 2-Measure	PK
*Units 3-Quantity	20
*Units 3-Measure	PCS

Cosmetics

Product: Bubble bath; 25 boxes, 4 bottles/box, 28 fluid oz. each bottle

Units 1-Quantity	25
Units 1-Measure	BX
Units 2-Quantity	4
Units 2-Measure	BO
Units 3-Quantity	28
Units 3-Measure	FOZ