



Summary of GS1 Prefixes 20 - 29 by GS1 Member Organisation

overview of how GS1 Prefixes for 'national' solutions are used
by each GS1 Member Organisation

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1.	October 2006	D. Buckley	New – application of GS1 format to previous version.
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Release	Date of Change	Changed By	Summary of Change
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4.2	1 August 2012	D.Buckley	Malaysia: update Vietnam: new coupon
4.3	6 September 2012	D.Buckley	Finland: errata correction
4.4	January 2013	D.Buckley	Lithuania: errata correction
4.5	August 2013	D.Buckley	Moldova: Update
4.6	June 2014	D.Buckley	Switzerland: Update on Prefix 22 & 29
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5.1.4	Sep 2023	Mircea Popescu	Romania – Prefix 28 & 29 update

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1 Introduction

GS1 prefixes 02 and 20 through 29 are fully compatible with, and may be encoded using the same GS1 Data Carriers, as Global Trade Item Numbers (GTINs). However they are not globally unique but used to generate Restricted Circulation Numbers (RCNs) which can be used for national, sectorial or internal solutions.

- !** **Important:** 13-digit numbers created using the GS1 prefix 02 and 20 through 29 are NOT GTINs and are not globally unique.

1.1 General

A survey of GS1 Member Organisation on the 'THE USE OF VARIABLE MEASURE, PRODUCE & COUPON CODING' was conducted November / December 2003 and resulted in the first draft of this document which has been updated periodically ever since.

It has been agreed to document and maintain a summary of the solutions used by each GS1 Member Organisation to:

- Allow GS1 Member Organisation staff to answer question to exporters of Variable Measure Items
- Help solution providers provide compatible equipment
- Provide a baseline summary to facilitate migration to a global solution

This data will be continually updated and the most up-to-date version posted as:

- <https://www.gs1.org/docs/barcodes/SummaryOfGS1MOPrefixes20-29.pdf>

GS1 Global Offices expresses its thanks to all those individuals, who are too numerous to list here, who have provided input to this publication.



Important: Individual GS1 Member Organisations remain the definitive source of any local solutions.

1.2 Variable Measure Retail Goods

One or more of the GS1 prefixes 02 and 20 through 29 were often used for the identification of Variable Measure Retail Items. As most retailers have adopted a solution which encodes the retail price of the item in an EAN-13 barcode symbol, solutions have traditionally been purely national (due to each country having a different currency).

Please see the [GS1 General Specifications](#) for the latest recommendations and other symbologies in the area of Variable Measure Trade Items.

1.3 Produce Coding

Loose Produce Retail Items are individual pieces of fruit (or vegetable) sold in retail stores. Many retail chains wish to increase the range and variety of Produce they, but are restricted in doing so because of the lack of [international] standards to identify different (but similar) produce (for example white or yellow peaches and white or yellow nectarines).

Please see Fresh Produce initiative for implementations of GS1 DataBar for Produce.

1.4 Coupon Coding

A coupon is a voucher that can be redeemed at the Point-of-Sale for a cash value or free item. Coupon identification is organised at the local level normally using the GS1 prefix 99 (The prefixes 981, 982 & 983 are also reserved for specific regional solutions). Determining the data structure of a coupon is, therefore, the responsibility of the GS1 Member Organisations for their area of jurisdiction.

2 Summary by GS1 Member Organisation

2.1 GS1 Albania

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight	
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit	
GS1 Albania										notes
0 2									C	Reserved
2 0									C	Reserved
2 1									C	Reserved
2 1									C	Reserved
2 2									C	Reserved
2 3									C	Reserved
2 4									C	Reserved
2 5									C	Reserved
2 6									C	Reserved
2 7									C	Reserved
2 8	I	I	I	M	M	W	W	W	W	C <i>Weight in kg</i>
2 9									C	Reserved

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.2 GS1 Argentina

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Argentina			notes
0 2			
2 0			
2 1			
2 2			
2 3			
2 4			
2 5			
2 6			
2 7	R	R	C
2 8			
2 9	R	R	C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

For GS1 Argentina Coupon Codes **are** used with the following structure:

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Argentina			notes
9 9	1	I	
9 9	2	I	
9.9	3-9		

2.3 GS1 Armenia

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit			
GS1 Armenia												notes
0 2											C	<i>Reserved</i>
2 0	R	R	R	R	R	R	R	R	R	R	C	
2 1	I	I	I	I	I	W	W	W	W	W	C	
2 2	I	I	I	I	I	P	P	P	P	P	C	
2 3	I	I	I	I	I	W	W	W	W	W	C	
2 4	I	I	I	I	I	P	P	P	P	P	C	
2 5											C	<i>Reserved</i>
2 6											C	<i>Reserved</i>
2 7											C	<i>Reserved</i>
2 8											C	<i>Reserved</i>
2 9											C	<i>Reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.4 GS1 Australia

R = Retailer assigned			M = Manuf. assigned				V = Verifier digit			W = Weight		
I = MO assigned			P = Price				N = Pieces/Other			C = Check-Digit		
GS1 Australia												notes
02	R	R	R	R	R	R	V	P	P	P	P	C
20	R	R	R	R	R	R	R	R	R	R	C	
21	R	R	R	R	R	R	R	R	R	R	C	
22	I	I	I	I	V	P	P	P	P	P	C	<i>reserved</i>
23	R	R	R	R	R	R	R	R	R	R	C	
24	I	I	I	I	V	P	P	P	P	P	C	<i>reserved</i>
25	R	R	R	R	R	R	R	R	R	R	C	
26	R	R	R	R	R	R	R	R	R	R	C	
27	R	R	R	R	R	R	R	R	R	R	C	
28	I	I	I	I	V	P	P	P	P	P	C	<i>reserved</i>
29	I	I	I	I	V	P	P	P	P	P	C	<i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

Are used as follows.

R = Retailer assigned			M = Manuf. assigned				V = Verifier digit			W = Weight		
I = MO assigned			P = Price				N = Pieces/Other			C = Check-Digit		
GS1 Australia												notes
99	CP	CP	CP	CP	CP	M	M	M	M	M	C	7 digit GS1 CP
99	CP	CP	CP	CP	CP	CP	CP	M	M	M	C	9 digit GS1 CP

2.5 GS1 Austria

R = Retailer assigned				M = MO/Manufacturer assigned				V = Verifier digit				W = Weight		
I = SAN-numbers, managed by GS1-Austria				C = Check digit				P = Price				N = Pieces/Other		
GS1 Austria														Notes
02			R	E	S	E	R	V	E	D				Reserved for GS1 Austria
20	R	R	R	R	R	R	R	R	R	R	C			Retailer assigned
21	R	R	R	R	R	W	W,	W	W	W	C			Weight – Retailer assigned
22	R	R	R	R	R	P	P	P,	P	P	C			Price – Retailer assigned
23	M	M	M	M	M	P	P	P,	P	P	C			Allocated and managed by GS1 Austria
24	R	R	R	R	R	P	P	P	P	P	C			Retailer assigned
25			R	E	S	E	R	V	E	D				Reserved for GS1 Austria
26			R	E	S	E	R	V	E	D				Reserved for GS1 Austria
27	M	M	M	M	M	W	W,	W	W	W	C			Allocated and managed by GS1 Austria
28	R	R	R	R	R	N	N	N	N	N	C			Piece – Retailer assigned
29			R	E	S	E	R	V	E	D				Reserved for GS1 Austria

M = Code issued to manufacturer to allow to track

2.6 GS1 Azerbaijan

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Azerbaijan			notes
0 2			C
2 0	<i>Each company (retailers and manufactures) can use assigns for internal use of the closed system whether it is one store/a group of stores, warehouse, production and etc.</i>		C
2 1			C
2 2			C
2 3			C
2 4			C
2 5			C
2 6			C
2 7			C
2 8			C
2 9			C

Coupon Code are NOT used

2.7 GS1 Belarus

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Belarus			notes
0 2			C <i>reserved</i>
2 0			C
2 1			C
2 2			C
2 3	The way of structuring the		C
2 4	data is up to each company		C
2 5			C
2 6			C
2 7			C
2 8			C <i>reserved</i>
2 9			C <i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.8 GS1 Belgium*Luxembourg

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 BELGIUM•LUXEMBOURG			
0 2	R	R	C <i>P = Euro</i>
2 0	R	R	C
2 1	R	R	C
2 2	R	R	C
2 3	R	R	C
2 4	R	R	C
2 5	R	R	C
2 6	R	R	C
2 7	R	R	C
2 8	I	I	C
2 9	5	I	C <i>P = Euro</i>
2 9	6	I	C <i>P = Euro</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

The national solution based upon a coupon data pool is under pilot with some of the leading retailers and manufacturers (see <http://www.gs1belu.org/nl/coupon-data-pool>). This is likely to lead to the adoption of a new coupon structure in the near future.

Coupon Codes based on the EAN-13 barcode are also still in use also with the following structure:

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 BELGIUM•LUXEMBOURG			
9 8	1	I	C <i>Only for suppliers Euro</i>
9 8	2	I	C <i>Only for suppliers Euro</i>
9 8	3	I	C <i>Only for suppliers Euro</i>
9 9	8	I	C <i>Only for distributors Euro</i>
9 9	9	I	C <i>Only for distributors Euro</i>

2.9 GS1 Bosnia-Herzegovina

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
GS1 Bosnia-Herzegovina										<i>notes</i>	
0 2										C	<i>reserved</i>
2 0	R	R	R	R	R	R	R	R	R	C	<i>reserved</i>
2 1	I	I	I	I	I	W	W	W	W	C	
2 2										C	<i>reserved</i>
2 3	I	I	I	I	I	N	N	N	N	C	<i>N=length</i>
2 4										C	<i>reserved</i>
2 5										C	<i>reserved</i>
2 6										C	<i>reserved</i>
2 7										C	<i>reserved</i>
2 8	R	R	R	R	R	W	W	W	W	C	
2 9										C	<i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.10 GS1 Brazil

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Brazil			notes
0 2			
2 0	R	R	C <i>reserved</i>
2 1	R	R	C
2 2	R	R	C
2 3	R	R	C
2 4	R	R	C
2 5	R	R	C
2 6	R	R	C
2 7			C <i>reserved</i>
2 8			C <i>reserved</i>
2 9			C <i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.11 GS1 Bulgaria

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight	
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit	
GS1 BULGARIA			notes	
0 2			C	
2 0			C	
2 1				C
2 2				C
2 3	The way of structuring the			C
2 4	data is up to each company			C
2 5				C
2 6				C
2 7				C
2 8				C
2 9				C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.12 GS1 Canada

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Canada							Notes
0 2	PC	CI	CI	CI	CI	V	P
2 0							C
2 1							C
2 2							C
2 3							C
2 4							C
2 5							C
2 6							C
2 7							C
2 8							C
2 9							C

The GS1 Prefix 02 (Number System Charter 2) is used for Random Weight Items. It is encoded in a UPC-A Symbol

The Prefix [0]2 is always used

Position Three is called the Packager Code (PC). Traditionally, retailers have used the digits 0, 1, 2, or 3 in Position Two to identify products they process and wrap themselves. Their suppliers are assigned the digits 4, 5, 6, 7, 8, or 9 to distinguish their product from that of another supplier of similar products. The Packager Code assignment must be mutually agreed to by the supplier and the retailer. For the purposes of our example, we will say that ABC retailer assigns the Packager Code of 4 to XYZ Beef Supplier.

Positions four through seven make up the Commodity ID represented by CI in the above table. The 10,000 numbers for the four positions (e.g., 0000-9999) are divided among trade associations that sponsor beef, veal, pork, chicken, turkey, seafood, dairy/deli, cheese, and photo processing. A full list of associations to contact for Commodity ID assignments is available from ECCC. For example, the trade association for beef has assigned the Commodity ID Number 1314 to ground round, and this number is displayed

Position Eight is the Price Verification Digit represented by V in the above table.

Positions Nine through Twelve represent the actual retail price of the random weight/measure product after it is weighed/measured. These four positions are used to carry prices in dollars and cents from \$00.01 to \$99.99.

Position thirteen is the standard Check-Digit as calculated for EAN-13 and UPC-A symbols.

Produce Coding

Price Look-up Units (PLU's) are used to trigger product look up for the purposes of labelling Variable Measure and variable count products.

PLU's are assigned by the retailer for internal use within the "four walls" of the closed system whether it is one store or a group of stores. They are used primarily by cashiers for items that generally are not barcoded, such as produce, self-service bakery items (e.g. donuts), and bulk foods, or as a markdown or department code. In some unique instances PLU's may be used to identify a product that is barcoded, such as heavy, bulky items that are difficult to swipe across a scanner and single bottles of soda.

PLU's are generally one to four digits and are manually keyed into the system. The POS system is programmed to precede or pad the PLU with leading zeros which do not have to be keyed by

cashiers at the POS (hence they are also known as a type of Velocity Code), which helps speed up key entry. .

Be aware that the Produce Marketing Association (PMA) administers+ the Produce Electronic Identification Board (PEIB), which has designated ranges of numbers for use on fresh produce. Contact the PMA in the United States or the CPMA in Canada for more information.

Coupon Coding

Coupon Codes can be used with the following structure:

P = Company Prefix assigned by GS1 Canada												
FC = Family Code		VC = Value Code					C= Check Digit					
GS1 Canada												notes
9	9	P	P	P	P	P	FC	FC	FC	VC	VC	C

If the first two digits are 99, this tells the retail POS that this item being scanned is an EAN-13 coupon created for in-store distribution only. It should not be printed in newspapers or magazines.

2.13 GS1 Chile

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Chile											notes
0 2	R	R	R	R	P	P	P	P	P	P	C
2 0											C
2 1											C
2 2											C
2 3	R	R	R	R	R	W	W	W	W	W	C
2 4	R	R	R	R	R	P	P	P	P	P	C <i>P= Price or Other</i>
2 5	R	R	R	R	R	N	N	N	N	N	C
2 6											C
2 7	R	R	R	R	R	W	W	W	W	W	C
2 8											C
2 9	R	R	R	R	R	V	W	W	W	W	C <i>Can also be used for Price</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.14 GS1 China

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 China							notes
0 2	R	R	R	R	R	R	C <i>In-store use</i>
2 0	R	R	R	R	R	R	C <i>In-store use</i>
2 1	R	R	R	R	R	R	C <i>In-store use</i>
2 2	R	R	R	R	R	R	C <i>In-store use</i>
2 3	R	R	R	R	R	R	C <i>In-store use</i>
2 4	R	R	R	R	R	R	C <i>In-store use</i>
2 5							C <i>reserved</i>
2 6							C <i>reserved</i>
2 7							C <i>reserved</i>
2 8							C <i>reserved</i>
2 9							C <i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.15 GS1 Columbia

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Colombia			
0 2			C
2 0			C
2 1			C
2 2			C
2 3			C
2 4	R	R	C
2 5	R	R	C
2 6	R	R	C
2 7	I	I	C
2 8			C
2 9	I	I	C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.16 GS1 Costa Rica

R = Retailer assigned		M = Manuf. assigned			V = Verifier digit			W = Weight				
I = MO assigned		P = Price			N = Pieces/Other			C = Check-Digit				
GS1 Costa Rica												notes
0 2	R	R	R	R	R	R	R	R	R	R	C	
2 0	R	R	R	R	R	R	R	R	R	R	C	
2 1	R	R	R	R	R	R	R	R	R	R	C	
2 2	R	R	R	R	R	R	R	R	R	R	C	
2 3	R	R	R	R	R	R	R	R	R	R	C	
2 4	R	R	R	R	R	W	W	W	W	W	C	
2 5	R	R	R	R	R	P	P	P	P	P	C	
2 6	R	R	R	R	R	P	P	P	P	P	C	
2 7	R	R	R	R	R	R	R	R	R	R	C	
2 8	R	R	R	R	R	R	R	R	R	R	C	
2 9	R	R	R	R	R	R	R	R	R	R	C	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.17 GS1 Croatia

R = Retailer assigned	M = Manuf. assigned			V = Verifier digit			W = Weight				
I = MO assigned	P = Price			N = Pieces/Other			C = Check-Digit				
GS1 Croatia											notes
0 2										C	<i>reserved</i>
2 0	R	R	R	R	R	R	R	R	R	C	
2 1	I	I	I	M	M	W	W	W	W	C	
2 2										C	<i>reserved</i>
2 3										C	<i>reserved</i>
2 4										C	<i>reserved</i>
2 5										C	<i>reserved</i>
2 6										C	<i>reserved</i>
2 7	I	I	I	M	M	P	P	P,	P	C	euros
2 8	R	R	R	R	R	R	R	R	R	C	
2 9										C	<i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.18 GS1 Cyprus

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight			
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit			
GS1 Cyprus												notes			
0 2												C	<i>reserved</i>		
2 0	R	R	R	R	R	P	P	P,	P	P	C	In house coding, variable weight, price			
2 1	R	R	R	R	R	W	W,	W	W	W	C	In house coding, variable weight, weight			
2 2	R	R	R	R	R	R	R	R	R	R	C	In house coding, standard weight			
2 3											C	<i>reserved</i>			
2 4											C	<i>reserved</i>			
2 5											C	<i>reserved</i>			
2 6											C	<i>reserved</i>			
2 7	I	I	M	M	M	P	P	P,	P	P	C	Coding by producer			
2 8	I	I	M	M	M	W	W,	W	W	W	C	Coding by producer / manufacturer			
2 9	R	R	R	R	R	P	P	P,	P	P	C	In house coding, variable weight, price			

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

Are used as follows.

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight			
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit			
GS1 Cyprus												notes			
9 8	1	I	I	I	I	C	C	P	P,	P	C	Only for suppliers/ euro			
9 8	2	I	I	I	I	C	C	P,	P	P	C	Only for suppliers/ euro			

A national solution for coupons does not exist.

2.19 GS1 Czech

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Czech							notes
0 2	R	R	R	R	R	R	C <i>Free Structure</i>
2 0	R	R	R	R	R	R	C
2 1	R	R	R	R	V	P	C <i>CZK</i>
2 2							C <i>reserved for EURO</i>
2 3							C <i>reserved for EURO</i>
2 4	R	R	R	R	V	P	C <i>TOTAL CZK</i>
2 5	R	R	R	R	V	N	C
2 6							C <i>reserved</i>
2 7	I	I	I	I	V	P	C <i>CZK</i>
2 8	R	R	R	R	V	W	C
2 9	I	I	I	I	V	W	C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

In Czech Republic Coupon Codes **are** used with the following structure:

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Czech							notes
9 9	6	I	I	I	I	P	C <i>Czech Crowns</i>
9 8	1	I	I	I	C	P	C <i>Euro only</i>
9 8	2	I	I	I	C	P,	C <i>Euro only</i>

2.20 GS1 Denmark

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight		
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit		
GS1 Denmark													notes	
0 2	R	R	R	R	R	R	R	R	R	R	R	C	<i>Internal</i>	
2 0	R	R	R	R	P	P	P	P	P	P	P	C	<i>Internal price</i>	
2 1	I	I	M	M	P	P	P	P	P	P	P	C	<i>Price</i>	
2 2	I	I	M	M	P	P	P	P	P	P	P	C	<i>Price</i>	
2 3	I	I	M	M	P	P	P	P	P	P	P	C	<i>Price</i>	
2 4	I	I	M	M	P	P	P	P	P	P	P	C	<i>Price</i>	
2 5	R	R	R	R	W	W	W	W	W	W	W	C	<i>measure</i>	
2 6	I	I	I	M	W	W	W	W	W	W	W	C	<i>measure</i>	
2 7	I	I	I	I	M	W	W	W	W	W	W	C	<i>measure</i>	
2 8	I	I	I	M	W	W	W	W	W	W	W	C	<i>measure</i>	
2 9	I	I	I	I	R	R	R	R	R	R	R	C	<i>membership no.</i>	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

Coupon Codes **are** used with the following structure:

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight		
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit		
GS1 Denmark													notes	
9 9	I	I	I	M	M	P	P	P	P	P	P	C		

2.21 GS1 Ecuador

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Ecuador						notes	
0 2	R	R	R	R	R	R	C
2 0	R	R	R	R	R	R	C
2 1	R	R	R	R	R	R	C
2 2	R	R	R	R	R	R	C
2 3	R	R	R	R	R	R	C
2 4							C <i>reserved</i>
2 5	R	R	R	R	P	P	C
2 6	R	R	R	R	P	P	C
2 7							C <i>reserved</i>
2 8	R	R	R	R	W	W	C
2 9							C <i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.22 GS1 Egypt

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit			
GS1 Egypt												notes
2 0	R	R	R	R	R	R	R	R	R	R	C	
2 1	R	R	R	R	R	R	R	R	R	R	C	
2 2	R	R	R	R	R	R	R	R	R	R	C	
2 3	R	R	R	R	R	R	R	R	R	R	C	
2 4	R	R	R	R	R	R	R	R	R	R	C	
2 5											C	<i>reserved</i>
2 6											C	<i>reserved</i>
2 7											C	<i>reserved</i>
2 8											C	<i>reserved</i>
2 9											C	<i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.23 GS1 El Salvador

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight									
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit									
GS1 El Salvador			notes									
0 2	R	R	R	R	R	R	R	R	R	R	C	
2 0	R	R	R	R	R	R	R	R	R	R	C	
2 1	R	R	R	R	R	R	R	R	R	R	C	
2 2	R	R	R	R	R	R	R	R	R	R	C	
2 3	R	R	R	R	R	R	R	R	R	R	C	
2 4	R	R	R	R	R	R	R	R	R	R	C	
2 5	R	R	R	R	R	R	R	R	R	R	C	
2 6	R	R	R	R	R	R	R	R	R	R	C	
2 7	R	R	R	R	R	R	R	R	R	R	C	
2 8	R	R	R	R	R	R	R	R	R	R	C	
2 9	R	R	R	R	R	R	R	R	R	R	C	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.24 GS1 Estonia

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Estonia							notes
0 2	R	R	R	R	R	R	C <i>In-store</i>
2 0	I	I	I	R/M	R/ M	R/M	P P P P C
2 1	I	I	I	R/M	R/ M	R/M	P P P P C
2 2	I	I	I	R/M	R/ M	R/M	P P P P C
2 3	I	I	I	R/M	R/ M	R/M	W W W W C
2 4	I	I	I	R/M	R/ M	R/M	W W W W C
2 5	I	I	I	R/M	R/ M	R/M	W W W W C
2 6							<i>Reserved</i>
2 7	R	R	R	R	R	W	W W W W C
2 8	R	R	R	R	R	P	P P P P C
2 9							<i>Reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.25 GS1 Finland

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight		
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit		
GS1 Finland													notes	
0 2	R	R	R	R	R	R	R	R	R	R	R	R	C	
2 0	0	0	R	R	R	R	P	P,	P	P	P	C	<i>Special case for PLU type numbers</i>	
2 1	I	I	I	I	M	M	P	P	P,	P	P	C	<i>not used</i>	
2 2	I	I	I	I	M	M	P	P	P	P	P	C	<i>not used</i>	
2 3	I	I	I	I/M	M	M	W,	W	W	W	W	C	<i>Length of manufacture number varies</i>	
2 4	I	I	I	I/M	M	M	W	W,	W	W	W	C	<i>Length of manufacture number varies</i>	
2 5	I	I	I	I/M	M	M	W	W	W,	W	W	C	<i>not normally used</i>	
2 6												C	<i>reserved</i>	
2 7												C	<i>reserved</i>	
2 8	R	R	R	R	R	P	P	P,	P	P	P	C		
2 9												C	<i>reserved</i>	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.26 GS1 France

Variable Measure:

Waiting for Europe wide solution. In the meantime the GS1 France rule is to encode the local currency price in French Francs and show, in human readable form, euro item price.

Each product has its own number (Prefix+5digit).

R = Retailer assigned	M (2) =Manuf. assigned	V = Verifier digit	W = Weight										
R = Retailer assigned	M =Manuf. assigned	V = Verifier digit	W = Weight										
GS1 France													notes
0 2	0 1-9	R M	R M	R M	R M	P	P	P	P	P	P	C	0=instore 1-9=Manuf.
2 0	R	R	R	R	R	R	R	R	R	R	R	C	Instore
2 1	M	M	M	M	M	W	W	W	W	W	W	C	Manuf
2 2	M	M	M	M	M	P	P	P	P	P	P	C	Manuf
2 3	M	M	M	M	M	W	W	W	W	W	W	C	Manuf
2 4	M	M	M	M	M	P	P	P	P	P	P	C	Manuf
2 5	I	I	I	I	I	W	W	W	W	W	W	C	National sol. I =MO assigned from range 00 000 to 49 999 and Manuf assigned from 50 000 to 99 999
2 6	M	M	M	M	M	P	P	P	P	P	P	C	Manuf
2 7	M	M	M	M	M	W	W	W	W	W	W	C	Manuf
2 8	I	I	I	I	I	P	P	P	P	P	P	C	National sol. I =MO assigned from range 00 000 to 49 999 and Manuf assigned from 50 000 to 99 999
2 9	0 1-9	R M	R M	R M	R M	W	W	W	W	W	W	C	0=instore 1-9=Manuf.

- (1) The Price is expressed in French Francs in the barcode. To obtain the price in Euro when reading the barcode divide by the fixed exchange rate (6.55957) and round to two digits. The price in Euro is always expressed to two decimal places.
- (2) Manufacturer numbers are allocated by GS1 France to company.

Produce Coding

Produce are identified with national solution or for branded product by manufacturer (with company prefix).

Coupon Coding

Coupon Codes **are** used in GS1 France with the following structure:

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 France			
9 9			C
			<i>Solution used for national currency (before Euro migration)</i>
9 8	1	I	C
9 8	2	I	C
			<i>Euro only</i>
			<i>Euro only</i>

2.27 GS1 Germany

Variable Measure:

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight		
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit		
GS1 Germany														notes
	0 2	R	R	R	R	R	V	P	P,	P	P	P	C	<i>P=USD resp. only for using the UPC symbol when exporting to North America</i>
	2 0	R	R	R	R	R	R	R	R	R	R	R	C	
	2 1													<i>reserved</i>
	2 2	R	R	R	R	V	P	P	P,	P	P	C	<i>P=EURO</i>	
	2 3	I	I	I	I	V	P	P	P,	P	P	C	<i>P=EURO</i>	
	2 4	R	R	R	R	V	P	P	P,	P	P	C	<i>total dept. price in EURO</i>	
	2 5	R	R	R	R	V	N	N	N	N	N	C		
	2 6	I	I	I	I	V	N	N	N	N	N	C		
	2 7													<i>reserved</i>
	2 8	R	R	R	R	V	W	W,	W	W	W	C	<i>in kg</i>	
	2 9	I	I	I	I	V	W	W,	W	W	W	C	<i>in kg</i>	

Couponing:

R = Retailer assigned				C = Check Digit				P = Price				D = Coupon Ref.		
GS1 Germany														notes
	9 8	0	R	R	R	R	R	R	R	R	R	R	C	<i>Refund Receipt</i>
	9 8	1	D	D	D	D	D	D	P	P,	P	P	C	<i>P=EURO</i>
	9 8	2	D	D	D	D	D	D	P,	P	P	P	C	<i>P=EURO</i>
	9 9	D	D	D	D	D	D	D	D	D	D	D	C	<i>Not recommended (see prefixes 981 and 982 for European solution).</i>

2.28 GS1 Greece

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
Greece										notes	
0 2	R	R	R	R	R	P ₁	P _{2,}	P ₃	P ₄	P ₅	C
2 0	R	R	R	R	R	W ₁	W _{2,}	W ₃	W ₄	W ₅	C
2 1	R	R	R	R	R	W ₁	W _{2,}	W ₃	W ₄	W ₅	C
2 2	R	R	R	R	R	R	R	R	R	R	C
2 3	R	R	R	R	R	R	R	R	R	R	C
2 4	R	R	R	R	R	R	R	R	R	R	C
2 5	R	R	R	R	R	R	R	R	R	R	C
2 6	I	I	I	M	M	W ₁	W _{2,}	W ₃	W ₄	W ₅	C
<i>Assigned prior to 2008</i>											
2 7	I	I	I	M	M	W ₁	W _{2,}	W ₃	W ₄	W ₅	C
<i>In use since 2014</i>											
2 8											C
<i>'280' in use for special applications</i>											
2 9	I	I	I	M	M	W ₁	W _{2,}	W ₃	W ₄	W ₅	C
<i>Assigned prior to 2008</i>											

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

For GS1 Greece Coupon Codes **are** used with the following structure:

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			D = Coupon Ref			C = Check-Digit		
GS1 Greece										notes	
9 8	1	I	I	I	I	D	D	P	P,	P	C
<i>Euro only</i>											
9 8	2	I	I	I	I	D	D	P,	P	P	C
<i>Euro only</i>											

2.29 GS1 Georgia

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight	
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit	
GS1 Georgia			notes	
0 2			C	
2 0			C	
2 1				C
2 2	There is no National Solution in Georgia			C
2 3	for VMRI yet, due to low activity of local			C
2 4	retailers.			C
2 5	But we consider to implement and			C
2 6	promote the use of general solution in			C
2 7	the future.			C
2 8				C
2 9				C

Produce Coding

There is no specific national solution for Loose Produce Coding

2.30 GS1 Guatemala

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Guatemala - If the code is printed by the manufacturer GS1 Guatemala assign the company prefix										notes	
0 2	R	R	R	R	R	V	P	P	P	P	C
2 0										C	<i>reserved</i>
2 1										C	<i>reserved</i>
2 2										C	<i>reserved</i>
2 3										C	<i>reserved</i>
2 4										C	<i>reserved</i>
2 5	R	R	R	R	R	P	P	P	P	C	
2 6	R	R	R	R	R	P	P	P	P	C	
2 7										C	<i>reserved</i>
2 8	R	R	R	R	R	W	W	W	W	C	
2 9	R	R	R	R	R	W	W	W	W	C	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.31 GS1 Hong Kong

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Hong Kong											notes
0 2										C	
2 0	R	R	R	R	R	V	P	P	P	C	
2 1	R	R	R	R	R	R	R	R	R	C	
2 2	R	R	R	R	R	R	R	R	R	C	
2 3	R	R	R	R	R	R	R	R	R	C	
2 4	R	R	R	R	R	R	R	R	R	C	
2 5										C	
2 6										C	
2 7										C	
2 8										C	
2 9	I	I	I	M	M	V	P	P	P	C	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

Coupon Codes **are** used with the following structure:

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Hong Kong											notes
9 9	M	M	M	M	M	M	R	R	R	C	
9 9	M	M	M	M	M	R	R	R	R	C	
9 9	M	M	M	M	R	R	R	R	R	C	

2.32 GS1 Hungary

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Hungary											notes
0 2										C	<i>reserved</i>
2 0	R	R	R	R	R	R	R	R	R	C	
2 1	R	R	R	R	V	P	P	P	P	C	
2 2	R	R	R	R	V	P	P	P	P	C	
2 3	R	R	R	R	V	P	P	P	P	C	
2 4	R	R	R	R	V	P	P	P	P	C	
2 5	R	R	R	R	V	N	N	N	N	C	
2 6										C	<i>reserved</i>
2 7										C	<i>reserved</i>
2 8	R	R	R	R	V	W	W	W	W	C	
2 9										C	<i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

GS1 Hungary Coupon Codes **are** used with the following structure:

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			D = Coupon Ref			C = Check-Digit		
GS1 Hungary											notes
9 9	1	I	I	I	R/M	R/M	P	P	P	C	
9 9	1	I	I	R/M	R/M	P	P	P	P	C	
9 9	9	I	I	I	R/M	R/M	R/M	R/M	R/M	C	
9 9	9	I	I	R/M	R/M	R/M	R/M	R/M	R/M	C	
9 8	1	I	I	I	I	D	D	P	P	C	<i>Euro only</i>
9 8	2	I	I	I	I	D	D	P	P	C	<i>Euro only</i>

2.33 GS1 Iceland

R = Retailer assigned			M = Manuf. assigned				V = Verifier digit				W = Weight	
I = MO assigned			P = Price				N = Pieces/Other				C = Check-Digit	
GS1 Iceland												notes
0 2	M	M	M	M	M	M	M	M	M	M	C	Internal use
2 0	I	I	I/M	I/M	M	P	P	P	P	P	C	Price
2 1	I	I	I/M	I/M	M	P	P	P	P	P	C	Price
2 2	I	I	I/M	I/M	M	P	P	P	P	P	C	Price
2 3	I	I	I/M	I/M	M	P	P	P	P	P	C	Weight
2 4	I	I	I/M	I/M	M	P	P	P	P	P	C	Weight
2 5	I	I	I/M	I/M	M	P	P	P	P	P	C	Weight
2 6											C	Not yet assigned
2 7											C	Not yet assigned
2 8											C	Not yet assigned
2 9											C	Not yet assigned

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.34 GS1 India

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight	
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit	
GS1 India				notes
0 2				C Not yet assigned
2 0				C Not yet assigned
2 1				C Not yet assigned
2 2				C Not yet assigned
2 3				C Not yet assigned
2 4				C Not yet assigned
2 5				C Not yet assigned
2 6				C Not yet assigned
2 7				C Not yet assigned
2 8				C Not yet assigned
2 9				C Not yet assigned

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.35 GS1 Iran

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight	
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit	
GS1 Iran				notes
0 2				C Not yet assigned
2 0				C Not yet assigned
2 1				C Not yet assigned
2 2				C Not yet assigned
2 3				C Not yet assigned
2 4				C Not yet assigned
2 5				C Not yet assigned
2 6				C Not yet assigned
2 7				C Not yet assigned
2 8				C Not yet assigned
2 9				C Not yet assigned

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.36 GS1 Ireland

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Ireland											notes
0 2	R	R	R	R	R	V	P	P	P	P	C
2 0	I	I	I	M	M	V	P	P	P	P	C
2 1											C
2 2											C
2 3											C
2 4											C
2 5											C
2 6											C
2 7											C
2 8											C
2 9											C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

The Euro Coupon Code Structure is utilised within the Republic of Ireland. A number of prefixes commencing with 99 are still in use by companies which market their products in Northern Ireland and the UK.

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			D = Coupon Ref			C = Check-Digit		
GS1 Ireland											notes
9 9	I	I	I	I	D	D	D	P	P	P	C
9 8	1	I	I	I	I	D	D	P	P,	P	C
9 8	2	I	I	I	I	D	D	P,	P	P	C

2.37 GS1 Italy

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Italy											notes
0 2										C	<i>reserved</i>
2 0	R	R	R	R	R	P	P	P	P	C	
2 1	R	R	R	R	R	P	P	P	P	C	
2 2	I	I	I	I	I	P	P	P	P	C	
2 3	I	I	I	I	I	P	P	P	P	C	<i>item numbers</i>
2 4	I	I	I	I	I	P	P	P	P	C	<i>assigned</i>
2 5	I	I	I	I	I	P	P	P	P	C	<i>1 by 1</i>
2 6	I	I	I	I	I	P	P	P	P	C	
2 7	I	I	I	I	I	P	P	P	P	C	
2 8	I	I	I	I	I	P	P	P	P	C	
2 9	I	I	I	I	I	P	P	P	P	C	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.38 GS1 Japan

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
DCC (Japan)										notes	
0 2	R	R	R	R	R	R	R	R	R	C	
2 0	R	R	R	R	R	R	R	R	R	C	
2 1	R	R	R	R	R	R	R	R	R	C	
2 2	R	R	R	R	R	R	R	R	R	C	
2 3	R	R	R	R	R	R	R	R	R	C	
2 4	R	R	R	R	R	R	R	R	R	C	
2 5	R	R	R	R	R	R	R	R	R	C	
2 6	R	R	R	R	R	R	R	R	R	C	
2 7	R	R	R	R	R	R	R	R	R	C	
2 8	R	R	R	R	R	R	R	R	R	C	
2 9	R	R	R	R	R	R	R	R	R	C	

Produce Coding

In Japan, a coding structure shown below was established for the fresh produce items. This coding system is based on what have been used between the participants of produce auction market trading. The scheme is now incorporated in the Japanese EDI system and some retailers use the numbering system.

At the same time, most produce are barcoded with the in-store numbers (using one of the retailer assigned numbers above) by packers, and the use of this coding is still limited.

Coding Structure for fresh produce **4 9 2 2 I I I I P V S C**

4922: Flag for fresh produce

I: Standard Item Category number

P: Cultivation method (e.g. organic, farm-grown ,etc.)

V: Weight (gram) or Number of items contained in a package

S: Size (e.g. small, medium, large, etc.)

C: Check Digit

Coupon Coding

A national solution for coupons does not exist

2.39 GS1 Jordan

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.40 GS1 Kenya

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Kenya											
0 2										C	<i>Reserved</i>
2 0										C	<i>Reserved</i>
2 1	R	R	R	R	R	R	R	R	R	C	Retail Assigned
2 2										C	<i>Reserved</i>
2 3										C	<i>Reserved</i>
2 4										C	<i>Reserved</i>
2 5										C	<i>Reserved</i>
2 6	M	M	M	M	M	V	W	W	W	C	Allocated and managed by GS1 Kenya
2 7	R	R	R	R	R	V	W	W	W	C	Retail Assigned
2 8	R	R	R	R	R	V	W	W	W	C	Retail Assigned
2 9										C	<i>Reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.41 GS1 Korea

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Korea			notes
0 2	R	R	C
2 0	R	R	C
2 1	R	R	C
2 2			<i>reserved</i>
2 3			<i>reserved</i>
2 4			<i>reserved</i>
2 5			<i>reserved</i>
2 6			<i>reserved</i>
2 7			<i>reserved</i>
2 8			<i>reserved</i>
2 9			<i>reserved</i>

Coupon Coding

GS1 Korea does not have a solution for "Money Off Coupons" in that GS1 Korea does not have any specific prefix or band of numbers for "Money Off Coupons" only.

However, a member company of GS1 Korea, with its Global Company Prefix 880 8498, issues "Money Off Coupons" and plays a role as a clearing house and has been doing this business for about ten years.

These coupons are freely available to consumers at hypermarket stores.

2.42 GS1 Latvia

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight		
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit		
GS1 Latvia														notes
0 2	R	R	R	R	R	R	R	R	R	R	R	R	C	
2 0	0 1-9	R I	R I	R I	R I	R I	P P	P, P,	P P	P P	P P	C C	- 0= in store - for future use	
2 1	0 1-9	R I	R I	R I	R I	R I	P P	P, P,	P P	P P	C C	- 0= in store - for future use		
2 2	0 1-9	R I	R I	R I	R I	R I	P P	P P	P P	P P	C C	- 0=in store - for future use		
2 3	0 1-9	R I	R I	R I	R I	R I	W, W,	W W	W W	W W	C C	- 0=in store - 1-9 GS1 LATVIA		
2 4	0 1-9	R I	R I	R I	R I	R I	W W	W, W,	W W	W W	C C	- 0=in store - 1-9 GS1 LATVIA		
2 5	0 1-9	R I	R I	R I	R I	R I	W W	W W	W, W,	W W	C C	- 0=in store - 1-9 GS1 LATVIA		
2 6													reserved	
2 7	R	R	R	R	R	R	R	R	R	R	C			
2 8	R	R	R	R	R	R	R	R	R	R	C			
2 9	R	R	R	R	R	R	R	R	R	R	C			

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.43 GS1 Lithuania

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
GS1 Lithuania										notes	
0 2										C	reserved
2 0	R	R	R	R	R	R	R	R	R	C	in store
2 1	R	R	R	R	R	W	W	W	W	C	in store
2 2	R	R	R	R	R	R	R	R	R	C	in store
2 3	I	I	I	I	I	I	W	W	W	C	
2 4	I	I	I	I	I	I	W	W	W	C	no longer issued
2 5	I	I	I	I	I	W	W	W	W	C	
2 6										C	reserved
2 7	R	R	R	R	R	R	W	W	W	C	in store
2 8										C	reserved
2 9										C	reserved

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.44 GS1 Malaysia

R = Retailer assigned	M = Manuf. assigned						V = Verifier digit				W = Weight	
I = MO assigned	P = Price						N = Pieces/Other				C = Check-Digit	
GS1 Malaysia											notes	
0 2	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 0	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 1	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 2	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 3	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 4	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 5	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 6	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 7	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 8	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	
2 9	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight									
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit									
GS1 Malaysia			notes									
9 9	I	I	I	I	I	R/M	R/M	P	P	P	C	<i>P is Malaysian Ringgit and R/M are issued by the company which could be retailer or manufacturer</i>

2.45 GS1 Malta

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Malta											notes
0 2	R	R	R	R	R	R	R	R	R	R	C in-store numbering of units by weight
2 0	I	I	I	R	R	R	R	R	R	R	C branded units by weight (past usage)
2 1	R	R	R	R	R	R	R	R	R	R	C in-store numbering of units by price
2 2	I	I	I	R	R	R	R	R	R	R	C branded units by price (past usage)
2 3	R	R	R	R	R	R	R	R	R	R	C in-store numbering of units by piece
2 4	R	R	R	R	R	R	R	R	R	R	C numbering of branded units by piece (not yet used)
2 5	I	I	R	R	R	R	R	R	R	R	C branded units by price (past usage with Maltese Currency)
2 6	I	I									C branded units by weight (current)
2 7	I	I				P	P,	P	P	P	C branded units by price (current Euro)
2 8											C reserved
2 9											C reserved

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.46 GS1 Mauritius

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Mauritius											notes
02	I	I									
20	R	R	R	R	R	R	R	R	R	C	In Store
21	I	I									Allocated by GS1 Mauritius
22	I	I									Allocated by GS1 Mauritius
23	I	I									Allocated by GS1 Mauritius
24	I	I									Allocated by GS1 Mauritius
25	R	R	R	R	R	R	R	R	R	C	In Store
26											Reserved
27											Reserved
28	R	R	R	R	R	R	R	R	R	C	In Store
29											Reserved

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.47 GS1 Mexico

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Mexico			
0 2			
2 0	R	R	C
2 1	R	R	C
2 2	R	R	C
2 3	R	R	C
2 4	R	R	C
2 5	R	R	C
2 6	R	R	C
2 7	R	R	C
2 8	R	R	C
2 9	R	R	C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.48 GS1 Moldova

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight									
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit									
GS1 Moldova			notes									
0 2	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 0	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 1	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 2	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 3	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 4	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 5	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 6											C	<i>reserved</i>
2 7	I I	I I	I I	I V	I W	W W	W W	W W	W W	W W	C C	<i>GS1 Moldova</i>
2 8	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>
2 9	R	R	R	R	R	R	R	R	R	R	C	<i>In-store use</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.49 GS1 Montenegro

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Montenegro											notes
0 2										C	<i>reserved</i>
2 0	R	R	R	R	R	R	R	R	R	C	<i>in-store use</i>
2 1										C	<i>reserved</i>
2 2										C	<i>reserved</i>
2 3										C	<i>reserved</i>
2 4										C	<i>reserved</i>
2 5	I	I	I	M	M	W	W	W	W	C	
2 6										C	<i>reserved</i>
2 7	<i>I</i>	<i>I</i>	<i>I</i>	<i>M</i>	<i>M</i>	<i>W</i>	<i>W</i>	<i>W</i>	<i>W</i>	C	<i>formerly used pre 2007</i>
2 8	R	R	R	R	R	R	R	R	R	C	<i>in-store use</i>
2 9										C	<i>reserved</i>

2.50 GS1 Morocco

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Morocco			
0 2			C <i>Internal use</i>
2 0			C
2 1			C
2 2		<i>GS1 Prefixes 20 to 29 are released for in-store use</i>	
2 3		C	
2 4		C	
2 5		C	
2 6			C
2 7			C
2 8			C
2 9			C

Coupon Coding

A national solution for coupons does not exist.

2.51 GS1 Netherlands

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Netherlands			
0 2			
2 0	R	R	C
2 1	R	R	C
2 2	R	R	C
2 3	I	I	C
<i>Price in euros, source marking</i>			
2 4			C
2 5	R	R	C
			<i>Intended for encoding other than articles</i>
2 6	0	R	C
2 6	1-9	I	C
			<i>Loyalty cards</i>
2 7			C
2 8	R	R	C
			<i>Wholesale</i>
2 9			C
			<i>reserved</i>

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.52 GS1 New Zealand

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit			
GS1 New Zealand												notes
0 2	I	I	I	R	R	V	P	P	P	P	C	
2 0											C	<i>reserved</i>
2 1											C	<i>reserved</i>
2 2											C	<i>reserved</i>
2 3											C	<i>reserved</i>
2 4											C	<i>reserved</i>
2 5											C	<i>reserved</i>
2 6											C	<i>reserved</i>
2 7											C	<i>reserved</i>
2 8											C	<i>reserved</i>
2 9	I	I	I	R	R	W	W	W	W	W	C	

2.53 GS1 Nigeria

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Nigeria			notes
0 2			C
2 0			C
2 1			C
2 2			C
2 3			C
2 4			C <i>All reserved</i>
2 5			C <i>pending retailer</i>
2 6			C <i>discussion</i>
2 6			C
2 7			C
2 8			C
2 9			C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.54 GS1 Norway

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight	
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit	
GS1 Norway													notes
0 2	R	R	R	R	R	R	R	R	R	R	R	C	
2 0	I	I	I/M	I/M	M	M	P	P,	P	P	P	C	<i>2000 in-store</i>
2 1	I	I	I/M	I/M	M	M	P	P	P,	P	P	C	<i>2100 in-store</i>
2 2	I	I	I/M	I/M	M	M	P	P	P	P	P	C	<i>2200 in-store</i>
2 3	I	I	I/M	I/M	M	M	W,	W	W	W	W	C	<i>2300 in-store</i>
2 4	I	I	I/M	I/M	M	M	W	W,	W	W	W	C	<i>2400 in-store</i>
2 5	I	I	I/M	I/M	M	M	W	W	W,	W	W	C	<i>2500 in-store</i>
2 6	R	R	R	R	R	R	P	P,	P	P	P	C	
2 7	R	R	R	R	R	R	P	P	P,	P	P	C	
2 8	R	R	R	R	R	R	P	P	P	P	P	C	
2 9	R	R	R	R	R	R	R	R	R	R	R	C	<i>client cards</i>

2.55 GS1 Panama

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Panama			notes
0 2			
2 0			
2 1			
2 2			
2 3			
2 4			
2 5	R	R	R
	R	R	V
2 6	I	I	I
	I	I	V
2 7			
2 8	R	R	R
	R	R	V
2 9	I	I	I
	I	V	P
			P
			P
			P
			P
			C

2.56 GS1 Paraguay

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Paraguay			
0 2			C <i>reserved</i>
2 0	I	I	C
2 1	0	0	0
2 2			C <i>reserved</i>
2 3			C <i>reserved</i>
2 4	I	I	C
2 5			C <i>reserved</i>
2 6			C <i>reserved</i>
2 7			C <i>reserved</i>
2 8			C <i>reserved</i>
2 9			C <i>reserved</i>

2.57 GS1 Peru

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Peru						notes	
0 2	R	R	R	R	R	P	P
2 0							C
2 1							C
2 2							C
2 3							C
2 4							C
2 5	R	R	R	R	W	W	W
2 6							C
2 7							C
2 8							C
2 9							C

Coupon Coding

A national solution for coupons does not exist.

2.58 GS1 Philippines

R = Retailer assigned			M = Manuf. assigned				V = Verifier digit			W = Weight		
I = MO assigned			P = Price				N = Pieces/Other			C = Check-Digit		
GS1 Philippines												notes
0 2												C
2 0	M	M	M	M	M	D	W	W	W	W	W	C
2 1	I	I	I	I	I	R	R	R	R	R	R	C
2 2	I	I	I	I	I	R	R	R	R	R	R	C
2 3												C
2 4												C
2 5	I	I	I	I	I	M	M	M	M	M	M	C
2 6	I	I	I	I	I	M	M	M	M	M	M	C
2 7	I	I	I	I	I	M	M	M	M	M	M	C
2 8												C
2 9	M	M	M	M	M	D	W	W	W	W	W	C

Produce.

GS1 Philippines has recommended that the Prefix 29 be reserved for vendor packed, variable weight format. Initially, the prefix 290 will be used for this purpose, i.e. source marked variable weight. The general form for the GS1 Ph in-store number, variable weight format using prefix number 290 is as follows:

In-store prefix 3 digits the prefix value is 290

Manufacturer number 4 digits company number assigned by PANC to vendor

Item number 5 digits the unique number assigned by the vendor to the item

Check digit 1 digit Calculated according to a standard algorithm discussed earlier

The in-store prefixes 291 to 299 are reserved for future use of vendor packed, source marked, variable weight. The general format for the variable weight using 291 to 299 is as follows:

In-store prefix 3 digits prefix value is 291-299

Code number 4 digits pre assigned by GS1 Ph

Weight check digit 1 digit CD for the subsequent wt digit calculated according to a special algorithm

Weight digits 4 digits the weight is expressed in kilos (the form will be x.xxx kilos)

Check digit 1 digit calculated according to a standard algorithm discussed earlier

2.59 GS1 Poland

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Poland											notes
0 2											C reserved
2 0	R/M	R/M	R/M	R/M	R/ M	R/M	R/M	R/M	R/M	C	
2 1	I	I	I	I	V	W	W	W	W	C	
2 2										C	reserved
2 3	I	I	I	I	V	P	P	P	P	C	
2 4	R/M	R/M	R/M	R/M	V	P	P	P	P	C	
2 5	I	I	I	I	V	W/N	W/N	W/N	W/N	C	
2 6	I	I	I	I	V	P	P	P	P	C	
2 7	I	I	I	I	V	W/N	W/N	W/N	W/N	C	
2 8										C	reserved
2 9	R/M	R/M	R/M	R/M	V	W/N	W/N	W/N	W/N	C	

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

GS1 Poland Coupon Codes **are** used with the following structure:

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Poland											notes
9 9	1	M	M	M	M	M/N	N	N	N	C	
9 9	2	I	I	I	I	I	I	P	P,	C	
9 9	3	M	M	M	M	M	M	M	M	C	
9 9	5	I	I	I	I	I	I	P,	P	C	
9 8	1	I	I	I	I	N	N	P	P,	C	Euro only
9 8	2	I	I	I	I	N	N	P,	P	C	Euro only

2.60 GS1 Portugal

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Portugal						notes	
0 2	R	R	R	R	R	R	C
2 0	R	R	R	R	R	R	C
2 1	R	R	R	R	R	R	C
2 2	R	R	R	R	R	R	C
2 3	R	R	R	R	R	R	C
2 4	R	R	R	R	R	R	C
2 5	I	I	I	I	N	N	C
<i>Only for Suppliers</i>							
2 6	R	R	R	R	P	P	C
2 7	I	I	I	I	P	P	C
2 8	R	R	R	R	W	W	C
2 9	I	I	I	I	W	W	C



Note: The label besides several information must contain, in human readable data, the price per Kilo, the weight (or the quantity in case of prefix 25) of the item and the value that consumer will pay for it

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

GS1 Portugal Coupon Codes **are** used with the following structure:

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Portugal							
9 8	1	I	I	I	I	C	C
9 8	2	I	I	I	I	C	C
<i>Only for Suppliers</i>							

2.61 GS1 Republica Dominicana

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit			
GS1 Republica Dominicana												notes
0 2	R	R	R	R	R	R	R	R	R	R	R	
2 0	R	R	R	R	R	R	R	R	R	R	R	
2 1	R	R	R	R	R	R	R	R	R	R	R	
2 2	R	R	R	R	R	R	R	R	R	R	R	
2 3	R	R	R	R	R	R	R	R	R	R	R	
2 4	R	R	R	R	R	R	R	R	R	R	R	
2 5	R	R	R	R	R	R	R	R	R	R	R	
2 6	R	R	R	R	R	R	R	R	R	R	R	
2 7	I	I	I	I	I	P	P	P	P	P	C	
2 8	I	I	I	I	I	W	W	W	W	W	C	
2 9	I	I	I	I	I	W	W	W	W	W	C	

2.62 GS1 Romania

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Romania											notes
0 2										C	Reserved
2 0	R	R	R	R	R	R	R	R	R	C	In-house retail – fix measure
2 1	R	R	R	R	P	P	P	P	P	C	In-house retail – variable measure (with 3 decimals)
2 1	0	R	R	R	R	W	W	W	W	C	In-house wholesale – variable measure (with 3 decimals)
2 2										C	Reserved
2 3										C	Reserved
2 4										C	Reserved
2 5	I	I	I	I	I	W	W	W	W	C	Marine products and fishes, products of meat, poultry, cheese (with 3 decimals)
2 6	I	I	I	I	I	Q	Q	Q	Q	C	Non-food products (with 3 decimals)
2 7										C	Reserved
2 8	I	I	I	I	I	W	W	W	W	C	Fruits and vegetables – wholesale (with 3 decimals)
2 9	I	I	I	I	I	P	P	P	P	C	Fruits and vegetables – retail (with 2 decimals)

Coupon Coding

In Romania, Coupon Codes **are** used with the following structure:

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Coupon Ref			C = Check-Digit		
GS1 Romania											notes
9 9	0	CP	CP	CP	CP	N	N	N	N	C	Coupons issued by manufacturer
9 9	1	CP	CP	CP	CP	N	N	N	N	C	Coupons issued by retailer
9 9	2	I	I	I	I	P	P	P	P	C	Coupons issued by the campaign organizer
9 8	0	I	I	I	I	P	P	P	P	C	Coupons for returnable packaging
9 9	9	R	R	R	R	R	R	R	R	C	Coupons for internal use

2.63 GS1 Russia

R = Retailer assigned			M = Manuf. assigned				V = Verifier digit				W = Weight	
I = MO assigned			P = Price				N = Pieces/Other				C = Check-Digit	
GS1 Russia												notes
0 2											C	Reserved
2 0	R	R	R	R	R	R	R	R	R	R	C	Fixed measure
2 1											C	Reserved
2 2											C	Reserved
2 3	I	I	I	I	V	P	P	P,	P	P	C	Var. measure
2 4	R	R	R	R	V	P	P	P,	P	P	C	Var. measure
2 5											C	Reserved
2 6											C	Reserved
2 7	I	I	I	I	V	W	W,	W	W	W	C	Var. measure
	I	I	I	I	V	N	N,	0	0	0		
2 8	R	R	R	R	V	W	W,	W	W	W	C	Var. measure
	R	R	R	R	V	N	N,	0	0	0		
2 9											C	Reserved

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.64 GS1 Serbia

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Serbia											notes
0 2										C	<i>reserved</i>
2 0	R	R	R	R	R	R	R	R	R	C	<i>in-store use</i>
2 1										C	<i>reserved</i>
2 2										C	<i>reserved</i>
2 3										C	<i>reserved</i>
2 4										C	<i>reserved</i>
2 5										C	<i>reserved</i>
2 6										C	<i>reserved</i>
2 7	I	I	I	M	M	W	W	W	W	C	
2 8	R	R	R	R	R	R	R	R	R	C	<i>in-store use</i>
2 9										C	<i>reserved</i>

2.65 GS1 Singapore

R = Retailer assigned			M = Manuf. assigned				V = Verifier digit				W = Weight	
I = MO assigned			P = Price				N = Pieces/Other				C = Check-Digit	
	0	2									C	reserved
	2	0	I	I	M	M	M	V	P	P	P	C
	2	1										C reserved
	2	2										C reserved
	2	3										C reserved
	2	4										C reserved
	2	5										C reserved
	2	6										C reserved
	2	7										C reserved
	2	8										C reserved
	2	9	I	I	I	I	I	I	I	I	I	C sequence no.

2.66 GS1 Slovakia

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit			
GS1 Slovakia												notes
0 2												Reserved
2 0												Reserved; internal fixed weight/price
2 1												Reserved
2 2												Reserved
2 3												Reserved
2 4	R	R	R	R	V	€	€	€,	€	€	C	Reserved; variable price in EUR internal
2 5	I	I	I	I	V	€	€	€,	€	€	C	Reserved; variable price in EUR national
2 6												Reserved
2 7	I	I	I	I	V	W	W	W	W	W	C	Variable weight, national
2 8	R	R	R	R	V	W	W	W	W	W	C	Variable weight, internal
2 9	I	I	I	I	V	W	W	W	W	W	C	Variable weight, national

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

In Slovakia Coupon Codes **are** used with the following structure:

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			D = Coupon Ref			C = Check-Digit			
GS1 Slovakia												notes
9 9	I	I	I	I	N	N	N	N	N	N	C	Loyalty cards
9 8	1	I	I	I	I	N	N	P	P,	P	C	Euro only
9 8	2	I	I	I	I	N	N	P,	P	P	C	Euro only

2.67 GS1 Slovenia

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 SLOVENIA											notes
0 2											C reserved
2 0											C reserved
2 1											C reserved
2 2	I	I	I	I	I	P	P	P,	P	P	C National Solution (price in euro)
2 3	R/M	R/M	R/M	R/M	R/M	P	P	P,	P	P	C Member internal Solution (price in euro)
2 4	I	I	I	R/M	R/M	N	N	N	N	N	C National Solution
2 5											C reserved
2 6	I	I	I	R/M	R/M	W	W,	W	W	W	C National Solution
2 7	R/M	R/M	R/M	R/M	R/M	N	N	N	N	N	C Member internal Solution
2 8	R/M	R/M	R/M	R/M	R/M	W	W,	W	W	W	C Member internal Solution
2 9											C reserved

Produce Coding

GS1 Prefixes 24 and 27 (see table above)

Coupon Coding

A national solution for coupons does not exist.

2.68 GS1 South Africa

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit			
GS1 South Africa												notes
0 2	R	R	R	R	V	P	P	P	P	P	C	
2 0	R	R	R	R	R	R	R	R	R	R	C	
2 1	R	R	R	R	R	R	R	R	R	R	C	
2 2	R	R	R	R	R	R	R	R	R	R	C	
2 3	R	R	R	R	R	R	R	R	R	R	C	
2 4	R	R	R	R	R	R	R	R	R	R	C	
2 5											C	reserved
2 6											C	reserved
2 7											C	reserved
2 8	I	I	I	M	V	P	P	P	P	P	C	
2 9	I	I	I	M	M	V	P	P	P	P	C	

Produce Coding

GS1 South Africa recommends the use of the variable measure solution above for Produce

Coupon Coding

A national solution for coupons does not exist.

Coupon Codes **are** used GS1 Prefix 990 as follows:



Note: the GS1 Prefix used by GS1 South Africa is 600.

Barcoded coupons can be linked to a specific (promotional) item or range so that on scanning the coupon before totalling and completing the sale, the adjustment for applicable items is automatically made and value is only given where the specific lines are involved. This will avoid the problem of spurious coupon acceptance where the required item has not been purchased.

From a retail perspective the coupon number is listed in the back office system as an item but with a negative 'sale' value and will thus be reflected on till slips as well as in the main systems, allowing accurate reporting statistics.

Coupon numbering works in the same way as the item identification GTIN-13 structure where the first three digits of the number is 600, followed by the company prefix, followed by the item number with a check digit. For coupons, merely replace the 600 of the Company Prefix with 990 and the item number with a coupon number, remembering to re-calculate the check digit. As with item numbering, **do not** try to build significance into the coupon number; for example using the same coupon number as the item number of the product being used for the promotion.

Members are responsible for issuing and controlling the usage of the numbers in the same way as their GTINs; with the 4-year minimum non-reuse recommendation remaining in force.

The following tables show how the coupon numbering works compared to the standard item numbering:

Where:

990 indicates a coupon

X is the sequence of numbers that makes up the company prefix without the 600

I is the item number

N is the unique coupon number for a particular promotion

C is the check digit

Thus a company with a bank of 10 numbers will use the following:

Prefix	Company Identifier	Item/Coupon Number	Check Digit
600	X X X X X X X X	I	C
990	X X X X X X X X	N	C

A company with a bank of 100 numbers will use:

Prefix	Company Identifier	Item/Coupon Number	Check Digit
600	X X X X X X X X	I I	C
990	X X X X X X X X	N N	C

Etc.

2.69 GS1 Spain

R = Retailer assigned				M = Manuf. assigned				V = Verifier digit				W = Weight		
I = MO assigned				P = Price				N = Pieces/Other				C = Check-Digit		
GS1 Spain														notes
0 2	R	R	R	R	R	P	P	P,	P	P	P	C		
2 0	R	R	R	R	R	P	P	P,	P	P	P	C		
2 1	R	R	R	R	R	P	P	P,	P	P	P	C		
2 2	R	R	R	R	R	P	P	P,	P	P	P	C		
2 3	R	R	R	R	R	P	P	P,	P	P	P	C		
2 4	R	R	R	R	R	P	P	P,	P	P	P	C		
2 5	R	R	R	R	R	P	P	P,	P	P	P	C		
2 6	R	R	R	R	R	P	P	P,	P	P	P	C		
2 7	R	R	R	R	R	P	P	P,	P	P	P	C		
2 8	R	R	R	R	R	P	P	P,	P	P	P	C		
2 9	R	R	R	R	R	P	P	P,	P	P	P	C		



Note: By Retailer/Wholesaler decision Weight can be used instead of Price, and then the weight (in Kg) structure is also decided by the Retailer/Wholesaler (the number of decimals).

2.70 GS1 Sweden

R = Retailer assigned		M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned		P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Sweden										notes
0 2	R	R	R	R	R	R	R	R	R	C
2 0	I	I	I/M	I/M	M	M	P	P,	P	C
2 1	I	I	I/M	I/M	M	M	P	P	P,	C
2 2	I	I	I/M	I/M	M	M	P	P	P	C
2 3	I	I	I/M	I/M	M	M	W,	W	W	C
2 4	I	I	I/M	I/M	M	M	W	W,	W	C
2 5	I	I	I/M	I/M	M	M	W	W	W,	C
2 6	R	R	R	R	R	R	P	P,	P	C
2 7	R	R	R	R	R	R	P	P	P,	C
2 8	R	R	R	R	R	R	P	P	P	C
2 9	(theoretical as not used) structure for client card									
	not used									

Produce Coding

There is no national solution for Produce

Coupon Coding

A national solution for coupons does not exist.

2.71 GS1 Switzerland

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Switzerland							notes
0 2	R	R	R	R	R	V	P
2 0	R	R	R	R	R	R	R
2 1	R	R	R	R	V	P	P
2 2	I	I	I	I	M/N	P	P
2 3	R	R	R	R	R	R	R
2 4	R	R	R	R	R	R	R
2 5	I	I	I	I/R	R	R	R
2 6	R	R	R	R	R	R	R
2 7	R	R	R	R	R	R	R
2 8	R	R	R	R	V	W	W
2 9	I	I	I	I	M/N	W	W



Note: GS1 Switzerland will abandon the assignment of new Restricted Circulation Numbers using prefix 22 to 29 as of 2018.

Produce Coding

21 is in use for price variable instore solutions /22 is in use for price variable solutions (basing on 4 digit Standard article number catalogue from GS1 (Switzerland) / 28 is in use for weight variable instore solutions /29 is in use for weight variable (basing on 4 digit Standard article number catalogue from GS1 (Switzerland) / Structures as indicated in the table above

Coupon Coding

Coupon Codes **are** used with the following structure:

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Switzerland							notes
9 9	0	M	V	P	P	P	P
991 - 9							C

2.72 GS1 Taiwan

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 TAIWAN			notes
0 2			C
2 0			C
2 1			C
2 2			C
2 3	<i>GS1 prefixes "02" and "20-29" released for in-store use</i>		C
2 4			C
2 5			C
2 6			C
2 7			C
2 8			C
2 9			C

Produce Coding

GS1 TAIWAN has released GS1 prefixes "20-29" for in-store use freely, which means any fresh fruit and vegetables can be coded by retailers or manufacturers. Therefore, there is no specific coding scheme for Produce in TAIWAN.

2.73 GS1 Tanzania

On 16 April 2012, Andrew reported that 'Currently we [GS1 Tanzania] haven't come up with any permanent solution of Prefixes 20-29 ... [but] are planning to visit supermarkets soon..'

The suggestion below was provided in support of these meetings:

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Tanzania			
0 2			C <i>reserved</i>
2 0	R	R	C
2 1	R	R	C
2 2			C <i>reserved</i>
2 3			C <i>reserved</i>
2 4			C <i>reserved</i>
2 5			<i>reserved</i>
2 6	R	R	C
2 7	I	I	C
2 8	R	R	C
2 9	I	I	C

Coupon Coding

Coupon Code then **are** used with the following structure:

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Tanzania			
9 9	1	R	C <i>Only for Retailers</i>
9 9	2		<i>reserved</i>
9 9	3-8		<i>reserved</i>
9 9	9		<i>reserved</i>

2.74 GS1 Thailand

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Thailand			notes
0 2			C
2 0			C
2 1			C
2 2			C
2 3	<i>GS1 prefixes "02" and "20-29" released for in-store use</i>		C
2 4			C
2 5			C
2 6			C
2 7			C
2 8			C
2 9			C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.75 GS1 TUNISIA

R = Retailer assigned	M = Manuf. assigned										V = Verifier digit
I = MO assigned	P = Price										N = Pieces/Other
GS1 Tunisia											Notes
02											
20	used in the store for internal coding										
21	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>
22	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>
23	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>
24	CP	CP	CP	I	I	P	P	P	P	C	<i>I : Item Number- used for Variable Measure</i>
25	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>
26	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>
27	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>
28	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>
29	R	R	R	R	R	P	P	P	P	C	<i>Produce Coding</i>

Produce Coding

See Prefixes 21-23 and 25-29 above

Coupon Coding

Coupon Codes when used are used with the following structure:

R = Retailer assigned	M = Manuf. assigned										V = Verifier digit
I = MO assigned	P = Price										N = Pieces/Other
GS1 Tunisia											Notes
99	CP	CP	CP	CP	CP	I	I	P	P	P	C
	<i>I : Item Number</i>										

2.76 GS1 Turkey

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Turkey			
0 2			C in-store
2 0			C in-store
2 1			C in-store
2 2			C in-store
2 3			C in-store
2 4			C in-store
2 5			C in-store
2 6			C in-store
2 7			C reserved
2 8	I	I	C weight
2 9			reserved

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.77 GS1 Ukraine

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight			
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit			
GS1 Ukraine												notes
0 2	R	R	R	R	R	R	R	R	R	R	R	C
2 0	I	I	I	I	I	V	Q	Q	Q	Q	C	
2 1	I	I	I	I	V	Q	Q	Q	Q	Q	C	
2 2	I	I	I	I	I	I	Q	Q	Q	Q	C	
2 3	I	I	I	I	I	Q	Q	Q	Q	Q	C	
2 4											C	reserved
2 5											C	reserved
2 6											C	reserved
2 7											C	reserved
2 8											C	reserved
2 9	R	R	R	R	R	R	R	R	R	R	C	



Note: Q = Any Variable Quantity. Actual coefficient value and unit of measure are available in the national electronic catalogue of "branded" Variable Measure retail items maintained by GS1 Ukraine (<http://catalog.gs1ua.org/>).

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

Coupon Codes when used are used with the following structure:

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit						
I = MO assigned			P = Price			N = Pieces/Other						
GS1 Ukraine												Notes
99	1	I	I	I	I	I	I	I	I	I	C	

2.78 GS1 UAE

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 UAE			notes
0 2			
2 0	R	R	C
2 1	R	R	C
2 2	R	R	C
2 3	R	R	C
2 4	R	R	C
2 5	R	R	C
2 6	R	R	C
2 7	R	R	C
2 8	R	R	C
2 9	R	R	C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.79 GS1 UK

R = Retailer assigned				M = Manuf. assigned			V = Verifier digit				W = Weight		
I = MO assigned				P = Price			N = Pieces/Other				C = Check-Digit		
GS1 UK												notes	
0 2	R	R	R	R	V	P	P	P	P	P	C		
2 0	I	I	I	M	M	V	P	P	P	P	C	Variable weight	
2 1	R	R	R	R	R	R	R	R	R	R	C		
2 2	R	R	R	R	R	R	R	R	R	R	C		
2 3	R	R	R	R	R	R	R	R	R	R	C		
2 4	R	R	R	R	R	R	R	R	R	R	C		
2 5	R	R	R	R	R	R	R	R	R	R	C		
2 6	R	R	R	R	R	R	R	R	R	R	C		
2 7	R	R	R	R	R	R	R	R	R	R	C		
2 8	I	I	I	M	M	V	P	P	P	P	C	Variable weight	
2 9	R	R	R	R	R	R	R	R	R	R	C		

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

Coupon Codes **are** used with the following structure:

R = Retailer assigned				M = Manuf. assigned			V = Verifier digit				W = Weight		
I = MO assigned				P = Price			N = Pieces/Other				C = Check-Digit		
GS1 UK												notes	
9 9	I	I	I	I	M	M	M	P,	P	P	C		

2.80 GS1 Uruguay

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 Uruguay						notes	
0 2	R	R	R	R	R	R	C
2 0	R	R	R	R	R	R	C
2 1	R	R	R	R	R	R	C
2 2	R	R	R	R	R	R	C
2 3	R	R	R	R	R	R	C
2 4	R	R	R	R	R	R	C
2 5	R	R	R	R	R	R	C
2 6	R	R	R	R	R	R	C
2 7	R	R	R	R	R	R	C
2 8	R	R	R	R	R	R	C
2 9	R	R	R	R	R	R	C

2.81 GS1 US

R = Retailer assigned		M = Manuf. assigned		V = Verifier digit		W = Weight	
I = MO assigned		P = Price		N = Pieces/Other		C = Check-Digit	
GS1 US						notes	
0 2	PC	CI	CI	CI	CI	V	P
2 0							C
2 1							C
2 2							C
2 3							C
2 4							C
2 5							C
2 6							C
2 7							C
2 8							C
2 9							C



Important: GS1 US do not use Prefixes 20 through 29. As U.P.C. only encodes 12 digits the zero, in 02, is not encoded. The GS1 Prefix 02 (Number System Charter 2) is used for Random Weight Items.

The Packager Code (**PC**). Traditionally, retailers have used the digits 0, 1, 2, or 3 in Position Two to identify products they process and wrap themselves. Their suppliers are assigned the digits 4, 5, 6, 7, 8, or 9 to distinguish their product from that of another supplier of similar products. The Packager Code assignment must be mutually agreed to by the supplier and the retailer. For the purposes of our example, we will say that ABC retailer assigns the Packager Code of 4 to XYZ Beef Supplier.

Commodity ID represented by **CI** in the above table. The 10,000 numbers for the four positions (e.g., 0000-9999) are divided among trade associations that sponsor beef, veal, pork, chicken, turkey, seafood, dairy/deli, cheese, and photo processing. A full list of associations to contact for Commodity ID assignments is available from GS1 US. For example, the trade association for beef has assigned the Commodity ID Number 1314 to ground round, and this number is displayed

Price Verification Digit represented by **V** in the above table.

P represent the actual retail price of the random weight/measure product after it is weighed/measured. These four positions are used to carry prices in dollars and cents from \$00.01 to \$99.99.

C is the standard Check-Digit as calculated for EAN-13 and UPC-A symbols

Produce Coding

Price Look-up Units (PLU's) are used to trigger product look up for the purposes of labelling Variable Measure and variable count products.

PLU's are assigned by the retailer for internal use within the "four walls" of the closed system whether it is one store or a group of stores. They are used primarily by cashiers for items that generally are not barcoded, such as produce, self-service bakery items (e.g. donuts), and bulk foods, or as a markdown or department code. In some unique instances PLU's may be used to identify a product that is barcoded, such as heavy, bulky items that are difficult to swipe across a scanner and single bottles of soda.

PLU's are generally one to four digits and are manually keyed into the system. The POS system is programmed to precede or pad the PLU with leading zeros which do not have to be keyed by cashiers at the POS (hence they are also known as a type of Velocity Code), which helps speed up key entry .

Be aware that the Produce Marketing Association (PMA) administers+ the Produce Electronic Identification Board (PEIB), which has designated ranges of numbers for use on fresh produce. Contact the PMA in the United States or the CPMA in Canada for more information.

2.82 GS1 Venezuela

R = Retailer assigned			M = Manuf. assigned			V = Verifier digit			W = Weight		
I = MO assigned			P = Price			N = Pieces/Other			C = Check-Digit		
GS1 Venezuela											notes
0 2	R	R	R	R	R	W	W	W	W	W	C
2 0	R	R	R	R	R	W	W	W	W	W	C
2 1	R	R	R	R	R	W	W	W	W	W	C
2 2	R	R	R	R	R	W	W	W	W	W	C
2 3	R	R	R	R	R	W	W	W	W	W	C
2 4	R	R	R	R	R	W	W	W	W	W	C
2 5	R	R	R	R	R	W	W	W	W	W	C
2 6	R	R	R	R	R	W	W	W	W	W	C
2 7	R	R	R	R	R	W	W	W	W	W	C
2 8	R	R	R	R	R	W	W	W	W	W	C
2 9	R	R	R	R	R	W	W	W	W	W	C

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

A national solution for coupons does not exist.

2.83 GS1 Vietnam

R = Retailer assigned	M = Manuf. assigned	V = Verifier digit	W = Weight
I = MO assigned	P = Price	N = Pieces/Other	C = Check-Digit
GS1 Vietnam			notes
0 2			C Not yet assigned
2 0			C Not yet assigned
2 1			C Not yet assigned
2 2			C Not yet assigned
2 3			C Not yet assigned
2 4			C Not yet assigned
2 5			C Not yet assigned
2 6			C Not yet assigned
2 7			C Not yet assigned
2 8			C Not yet assigned
2 9			C Not yet assigned

Produce Coding

There is no specific national solution for Loose Produce Coding

Coupon Coding

For GS1 Vietnam, Coupon Codes are used with the following structure:

		V = Redemption value											
Y = MO assigned		R = Coupon Ref.						T = Value code					
GS1 Vietnam													
9 9	Y	Y	Y	Y	Y	R	R	R	V	V	V	C	
9 9	Y	Y	Y	Y	Y	R	R	R	T	T	T	C	
9 9	Y	Y	Y	Y	Y	R	R	R	R	R	R	C	