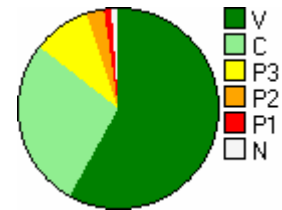




## Sample Global Business Data Address Validation Report

### Results summary

Validation status	Records	% of total
Validated (V)	245929	58.1%
Corrected (C)	116365	27.5%
Good deliverability (P3)	38905	9.2%
Fair deliverability (P2)	12289	2.9%
Poor deliverability (P1)	5035	1.2%
Not processed (N)	4774	1.1%
<b>Total</b>	<b>423297</b>	<b>100.0%</b>



### Detailed results

Country	V	%	C	%	P3	%	P2	%	P1	%	N	%	Total	%
(no country found)	0	0%	0	0%	0	0%	0	0%	0	0%	4742	100%	4742	1.1%
Albania	0	0%	6	18%	1	3%	0	0%	26	79%	0	0%	33	0.0%
Algeria	0	0%	3	30%	0	0%	0	0%	7	70%	0	0%	10	0.0%
American Samoa	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Andorra	0	0%	0	0%	0	0%	0	0%	66	100%	0	0%	66	0.0%
Angola	0	0%	1	20%	0	0%	0	0%	4	80%	0	0%	5	0.0%
Anguilla	0	0%	0	0%	0	0%	0	0%	35	100%	0	0%	35	0.0%
Antarctica	0	0%	0	0%	0	0%	0	0%	24	100%	0	0%	24	0.0%
Antigua and Barbuda	0	0%	0	0%	0	0%	0	0%	5	100%	0	0%	5	0.0%
Argentina	0	0%	0	0%	1	4%	5	19%	20	77%	0	0%	26	0.0%
Armenia	0	0%	0	0%	0	0%	0	0%	5	100%	0	0%	5	0.0%



Australia	30840	91%	2554	8%	422	1%	210	1%	7	0%	0	0%	34033	8.0%
Austria	1326	51%	884	34%	80	3%	272	11%	26	1%	0	0%	2588	0.6%
Bahamas	0	0%	4	22%	1	6%	0	0%	13	72%	0	0%	18	0.0%
Bahrain	0	0%	0	0%	0	0%	0	0%	16	100%	0	0%	16	0.0%
Bangladesh	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Barbados	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Belarus	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Belgium	14187	76%	3058	16%	1187	6%	129	1%	23	0%	0	0%	18584	4.4%
Belize	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Benin	0	0%	3	21%	0	0%	0	0%	11	79%	0	0%	14	0.0%
Bermuda	0	0%	0	0%	0	0%	0	0%	6	100%	0	0%	6	0.0%
Bhutan	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Bolivia	0	0%	4	57%	0	0%	0	0%	3	43%	0	0%	7	0.0%
Bosnia and Herzegovina	0	0%	0	0%	2	15%	0	0%	11	85%	0	0%	13	0.0%
Brazil	0	0%	5	18%	6	21%	0	0%	17	61%	0	0%	28	0.0%
British Indian Ocean Territory	0	0%	0	0%	0	0%	0	0%	25	100%	0	0%	25	0.0%
Brunei Darussalam	0	0%	0	0%	2	33%	0	0%	4	67%	0	0%	6	0.0%
Bulgaria	0	0%	1	8%	3	23%	0	0%	9	69%	0	0%	13	0.0%
Burkina Faso	0	0%	15	71%	0	0%	0	0%	6	29%	0	0%	21	0.0%
Cambodia	0	0%	0	0%	2	15%	0	0%	11	85%	0	0%	13	0.0%
Cameroon	0	0%	2	50%	0	0%	0	0%	2	50%	0	0%	4	0.0%
Canada	0	0%	0	0%	1	13%	0	0%	7	88%	0	0%	8	0.0%
Cape Verde	0	0%	2	7%	8	28%	0	0%	19	66%	0	0%	29	0.0%
Central African	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%



Republic														
Chad	0	0%	2	20%	1	10%	0	0%	7	70%	0	0%	10	0.0%
Chile	0	0%	0	0%	0	0%	0	0%	9	100%	0	0%	9	0.0%
China	0	0%	2	6%	6	17%	0	0%	27	77%	0	0%	35	0.0%
Colombia	0	0%	4	29%	5	36%	0	0%	5	36%	0	0%	14	0.0%
Comoros	0	0%	1	9%	0	0%	0	0%	10	91%	0	0%	11	0.0%
Congo	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	1	0.0%
Congo, The Democratic Republic of the	0	0%	0	0%	0	0%	0	0%	7	100%	0	0%	7	0.0%
Cook Islands	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Costa Rica	0	0%	5	23%	1	5%	0	0%	16	73%	0	0%	22	0.0%
Côte d'Ivoire	0	0%	8	16%	1	2%	0	0%	42	82%	0	0%	51	0.0%
Croatia	0	0%	1	33%	0	0%	1	33%	1	33%	0	0%	3	0.0%
Czech Rep	0	0%	0	0%	0	0%	0	0%	5	100%	0	0%	5	0.0%
Denmark	11227	81%	1455	11%	983	7%	88	1%	29	0%	0	0%	13782	3.3%
Dominica	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Dominican Republic	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Egypt	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
El Salvador	0	0%	2	10%	2	10%	0	0%	16	80%	0	0%	20	0.0%
Eritrea	0	0%	0	0%	1	13%	0	0%	7	88%	0	0%	8	0.0%
Estonia	0	0%	0	0%	0	0%	0	0%	15	100%	0	0%	15	0.0%
Falkland Islands	0	0%	0	0%	0	0%	0	0%	26	100%	0	0%	26	0.0%
Faroe Islands	0	0%	0	0%	0	0%	0	0%	46	100%	0	0%	46	0.0%
Fiji	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Finland	8855	62%	4281	30%	412	3%	622	4%	197	1%	0	0%	14367	3.4%



France	44378	59%	23197	31%	4228	6%	1651	2%	1464	2%	0	0%	74918	17.7%
French Polynesia	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.0%
Gabon	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Georgia	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Germany	43723	80%	10010	18%	485	1%	128	0%	64	0%	0	0%	54410	12.9%
Ghana	0	0%	0	0%	1	50%	0	0%	1	50%	0	0%	2	0.0%
Gibraltar	1	33%	0	0%	0	0%	0	0%	2	67%	0	0%	3	0.0%
Greece	0	0%	2	11%	2	11%	0	0%	15	79%	0	0%	19	0.0%
Greenland	0	0%	0	0%	0	0%	0	0%	9	100%	0	0%	9	0.0%
Grenada	0	0%	1	4%	1	4%	0	0%	22	92%	0	0%	24	0.0%
Guadeloupe	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Guinea	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Guinea-Bissau	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Guyana	0	0%	0	0%	0	0%	0	0%	34	100%	0	0%	34	0.0%
Haiti	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Holy See	0	0%	0	0%	0	0%	0	0%	13	100%	0	0%	13	0.0%
Honduras	0	0%	1	25%	0	0%	0	0%	3	75%	0	0%	4	0.0%
Hong Kong	0	0%	0	0%	0	0%	0	0%	0	0%	3	100%	3	0.0%
Hungary	0	0%	1	9%	1	9%	0	0%	9	82%	0	0%	11	0.0%
Iceland	0	0%	0	0%	0	0%	0	0%	5	100%	0	0%	5	0.0%
India	0	0%	1	4%	6	21%	0	0%	21	75%	0	0%	28	0.0%
Indonesia	0	0%	0	0%	0	0%	1	11%	8	89%	0	0%	9	0.0%
Iran, Islamic Republic of	0	0%	0	0%	0	0%	0	0%	4	100%	0	0%	4	0.0%
Ireland	0	0%	0	0%	0	0%	0	0%	0	0%	15	100%	15	0.0%



Israel	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Italy	6642	26%	13057	51%	5290	21%	588	2%	92	0%	0	0%	25669	6.1%
Jamaica	0	0%	3	38%	0	0%	0	0%	5	63%	0	0%	8	0.0%
Japan	0	0%	0	0%	0	0%	0	0%	6	100%	0	0%	6	0.0%
Kenya	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Korea, Democratic People's Republic of	0	0%	0	0%	1	50%	0	0%	1	50%	0	0%	2	0.0%
Korea, Republic of	0	0%	0	0%	0	0%	0	0%	27	100%	0	0%	27	0.0%
Lao People's Democratic Republic	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Latvia	0	0%	1	13%	0	0%	0	0%	7	88%	0	0%	8	0.0%
Lebanon	0	0%	0	0%	0	0%	0	0%	7	100%	0	0%	7	0.0%
Liberia	0	0%	1	33%	0	0%	0	0%	2	67%	0	0%	3	0.0%
Liechtenstein	0	0%	0	0%	0	0%	0	0%	7	100%	0	0%	7	0.0%
Lithuania	0	0%	0	0%	0	0%	0	0%	16	100%	0	0%	16	0.0%
Luxembourg	0	0%	0	0%	0	0%	0	0%	22	100%	0	0%	22	0.0%
Macau	0	0%	0	0%	0	0%	0	0%	0	0%	4	100%	4	0.0%
Macedonia, The Former Yugoslav Republic of	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Madagascar	0	0%	1	4%	1	4%	0	0%	24	92%	0	0%	26	0.0%
Malawi	0	0%	13	19%	0	0%	0	0%	56	81%	0	0%	69	0.0%
Malaysia	0	0%	0	0%	2	33%	0	0%	4	67%	0	0%	6	0.0%
Maldives	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Mali	0	0%	5	31%	0	0%	0	0%	11	69%	0	0%	16	0.0%



Malta	0	0%	0	0%	0	0%	0	0%	5	100%	0	0%	5	0.0%
Martinique	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	1	0.0%
Mauritania	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Mauritius	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Mayotte	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	1	0.0%
Mexico	0	0%	2	12%	12	71%	0	0%	3	18%	0	0%	17	0.0%
Moldova, Republic of	0	0%	1	8%	4	31%	0	0%	8	62%	0	0%	13	0.0%
Monaco	0	0%	0	0%	0	0%	0	0%	9	100%	0	0%	9	0.0%
Mongolia	0	0%	0	0%	0	0%	0	0%	5	100%	0	0%	5	0.0%
Montserrat	0	0%	0	0%	0	0%	0	0%	18	100%	0	0%	18	0.0%
Morocco	0	0%	0	0%	2	7%	0	0%	26	93%	0	0%	28	0.0%
Mozambique	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Myanmar	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Namibia	0	0%	3	21%	0	0%	0	0%	11	79%	0	0%	14	0.0%
Nauru	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Nepal	0	0%	0	0%	0	0%	0	0%	11	100%	0	0%	11	0.0%
Netherlands	20490	85%	3264	13%	145	1%	241	1%	80	0%	0	0%	24220	5.7%
Netherlands Antilles	0	0%	7	50%	0	0%	0	0%	7	50%	0	0%	14	0.0%
New Caledonia	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	1	0.0%
New Zealand	131	1%	7060	57%	3317	27%	1741	14%	111	1%	0	0%	12360	2.9%
Nicaragua	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Niger	0	0%	0	0%	0	0%	0	0%	24	100%	0	0%	24	0.0%
Nigeria	0	0%	4	24%	0	0%	0	0%	13	76%	0	0%	17	0.0%
Niue	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%



Norfolk Island	0	0%	1	6%	0	0%	0	0%	15	94%	0	0%	16	0.0%
Norway	8094	67%	1718	14%	211	2%	2097	17%	36	0%	0	0%	12156	2.9%
Oman	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Pakistan	0	0%	2	33%	1	17%	0	0%	3	50%	0	0%	6	0.0%
Palestinian Territory, Occupied	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%	1	0.0%
Panama	0	0%	4	17%	1	4%	0	0%	18	78%	0	0%	23	0.0%
Papua New Guinea	0	0%	0	0%	1	8%	0	0%	12	92%	0	0%	13	0.0%
Paraguay	0	0%	1	13%	1	13%	0	0%	6	75%	0	0%	8	0.0%
Peru	0	0%	8	40%	0	0%	0	0%	12	60%	0	0%	20	0.0%
Philippines	0	0%	1	13%	1	13%	0	0%	6	75%	0	0%	8	0.0%
Pitcairn	0	0%	0	0%	0	0%	0	0%	26	100%	0	0%	26	0.0%
Poland	0	0%	1	8%	1	8%	1	8%	9	75%	0	0%	12	0.0%
Portugal	1347	23%	2424	41%	1045	18%	524	9%	563	10%	0	0%	5903	1.4%
Puerto Rico	0	0%	1	17%	0	0%	1	17%	4	67%	0	0%	6	0.0%
Qatar	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Réunion	0	0%	3	9%	27	79%	1	3%	3	9%	0	0%	34	0.0%
Romania	0	0%	3	20%	1	7%	0	0%	11	73%	0	0%	15	0.0%
Russian Federation	0	0%	5	50%	0	0%	0	0%	5	50%	0	0%	10	0.0%
Saint Helena	0	0%	1	1%	0	0%	0	0%	186	99%	0	0%	187	0.0%
Saint Kitts and Nevis	0	0%	1	10%	0	0%	0	0%	9	90%	0	0%	10	0.0%
Saint Lucia	0	0%	3	15%	0	0%	0	0%	17	85%	0	0%	20	0.0%
Saint Vincent and the Grenadines	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	1	0.0%



Samoa	0	0%	1	6%	0	0%	0	0%	15	94%	0	0%	16	0.0%
San Marino	0	0%	0	0%	0	0%	0	0%	5	100%	0	0%	5	0.0%
São Tomé and Príncipe	0	0%	2	9%	0	0%	0	0%	21	91%	0	0%	23	0.0%
Saudi Arabia	0	0%	0	0%	0	0%	0	0%	22	100%	0	0%	22	0.0%
Senegal	0	0%	4	29%	0	0%	0	0%	10	71%	0	0%	14	0.0%
Serbia and Montenegro	0	0%	0	0%	4	19%	0	0%	17	81%	0	0%	21	0.0%
Seychelles	0	0%	0	0%	0	0%	0	0%	10	100%	0	0%	10	0.0%
Sierra Leone	0	0%	0	0%	1	25%	1	25%	2	50%	0	0%	4	0.0%
Singapore	0	0%	0	0%	0	0%	0	0%	7	100%	0	0%	7	0.0%
Slovenia	0	0%	0	0%	0	0%	0	0%	7	100%	0	0%	7	0.0%
Somalia	0	0%	2	18%	1	9%	0	0%	8	73%	0	0%	11	0.0%
South Africa	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
South Georgia and the South Sandwich Islands	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Spain	5007	35%	7571	54%	572	4%	856	6%	141	1%	0	0%	14147	3.3%
Sri Lanka	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	1	0.0%
Suriname	0	0%	1	50%	0	0%	0	0%	1	50%	0	0%	2	0.0%
Svalbard and Jan Mayen	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Sweden	20366	77%	4618	17%	1040	4%	432	2%	23	0%	0	0%	26479	6.3%
Switzerland	6735	73%	1511	16%	375	4%	593	6%	25	0%	0	0%	9239	2.2%
Syrian Arab Republic	0	0%	0	0%	0	0%	0	0%	37	100%	0	0%	37	0.0%
Taiwan	0	0%	0	0%	0	0%	0	0%	0	0%	7	100%	7	0.0%
Tanzania, United Republic	0	0%	1	25%	1	25%	0	0%	2	50%	0	0%	4	0.0%



of														
Thailand	0	0%	1	14%	0	0%	0	0%	6	86%	0	0%	7	0.0%
Timor-Leste	0	0%	0	0%	0	0%	0	0%	0	0%	2	100%	2	0.0%
Tonga	0	0%	1	8%	0	0%	0	0%	11	92%	0	0%	12	0.0%
Trinidad and Tobago	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
Tunisia	0	0%	0	0%	0	0%	0	0%	11	100%	0	0%	11	0.0%
Turkey	0	0%	1	5%	3	15%	0	0%	16	80%	0	0%	20	0.0%
Tuvalu	0	0%	0	0%	0	0%	0	0%	16	100%	0	0%	16	0.0%
Uganda	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
United Arab Emirates	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2	0.0%
United Kingdom	22579	31%	29532	40%	18979	26%	2101	3%	377	1%	0	0%	73568	17.4%
United States	0	0%	1	3%	6	16%	2	5%	29	76%	0	0%	38	0.0%
Uruguay	0	0%	0	0%	0	0%	0	0%	14	100%	0	0%	14	0.0%
Vanuatu	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Venezuela	0	0%	1	13%	3	38%	0	0%	4	50%	0	0%	8	0.0%
Viet Nam	0	0%	0	0%	0	0%	0	0%	9	100%	0	0%	9	0.0%
Virgin Islands, U.S.	0	0%	0	0%	2	33%	1	17%	3	50%	0	0%	6	0.0%
Western Sahara	0	0%	0	0%	0	0%	0	0%	3	100%	0	0%	3	0.0%
Yemen	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1	0.0%
Zambia	0	0%	0	0%	0	0%	0	0%	4	100%	0	0%	4	0.0%

**Output fields explained**

New output fields are automatically generated after the data has been processed. The contents of these fields are described below.

**Address Validation fields**



Record_ID	Record ID of the data if provided in the input, empty otherwise
OUT_Organization	Organization/Company name if assigned on input or if detected in incorrectly fielded data.
OUT_Building_X	Building information such as Building name, Suite number, Floor number. X designates line number (1-2)
OUT_Street_X	Street name containing house number. Number will be placed in proper position for country
OUT_HouseNumber	House Number
OUT_POBox	PO Box designator and PO Box number. For example POBox 1232
OUT_Locality_X	Name of the City or Locality. X designates number of multiple lines
OUT_PostalCode	Postal or ZIP code
OUT_Province	Province/Prefecture/State/Canton/County depending on country
OUT_Country	Country name in the language selected
OUT_DeliveryAddressLine_X	Address line where X designates the line number. Combination of Street, House number, POBox and Building information. X designates the line number
OUT_CountrySpecificLocalityLine	Country specific locality line like Anytown MA 12345
OUT_FormattedAddress_X	Formatted address line number X. Consists of Address lines, Locality Information, Province and Country. X designates the line number
OUT_Residue	Residue identified during parsing
OUT_ValidationStatus	General status of the address. See below for details.
OUT_ElementMatchStatus	Gives an indication, which address elements could be matched against the reference data. See below for details.
OUT_ElementResultStatus	Gives an indication, which address elements where changed during validation. See below for details.

### Status values explained

As the addresses are being processed, each address is assigned several status codes. These status codes provide information on the overall validation result as well as about the validation result of each address element.

#### OUT\_ValidationStatus

OUT\_ValidationStatus gives an indication of the overall result of the verification process.



The possible values are:

- V Address correct on input (validated)
- C Address corrected when processed
- P3 Address cannot be corrected, but it is very likely to be deliverable
- P2 Address cannot be corrected, but it is fairly likely to be deliverable
- P1 Address cannot be corrected and is unlikely to be deliverable
- N1 No validation was performed, because the country was not recognized
- N2 No validation was performed, because the reference database for this country is not available

#### Element Status codes

OUT\_ElementMatchStatus and OUT\_ElementResultStatus are a combination of 8 digits, where each digit represents one address element.

The positions are:

- 1 Postal Code
- 2 Locality
- 3 Province
- 4 Street
- 5 House Number
- 6 PO Box
- 7 Building
- 8 Organization

**OUT\_ElementMatchStatus** indicates for each address element whether it could be matched against the reference data. A match, however, does not mean that the element is correct in combination with the other elements provided. For example, if the postal code and city name both exist in the country, they will both have a match code of 4 (perfect match). The postal code could be the postal code of a different city, so both elements together are not valid. Thus an address might have an element match status consisting only of 4, but still be incorrect.

The possible values are:

- 0 Element empty on input
- 1 No match. Element was checked against reference data but could not be found



- 2 Element not validated. Either because element is too incomplete (i.e. single letter in locality field) or no reference data available
- 3 Match with error. Example: Boton to Boston
- 4 Perfect Match

**OUT\_ElementResultStatus** indicates if and how the output fields have been changed from the input fields. The possible values are:

- 0 Element not provided
- 1 Element not checked. Using parsed input for output
- 2 Element not checked. Using parsed and standardized input for output (e.g. Street -> ST)
- 3 Element was corrected using postal reference data
- 4 Element was correct, but has been changed because it was a synonym (e.g. Munich -> München)
- 5 Element was correct, but has been standardized (e.g. Maryland -> MD)
- 6 Element was correct and is unchanged.