SAM Entity Management Public V2 Extract Layout

Monthly File Name ASCII: SAM_PUBLIC_V2_MONTHLY_YYYYMMDD.ZIP
Monthly File Name UTF-8: SAM_PUBLIC_UTF-8_V2_MONTHLY_YYYYMMDD.ZIP
Daily File Name ASCII: SAM_PUBLIC_V2_DAILY_YYYYMMDD.ZIP
Daily File Name UTF-8: SAM_PUBLIC_UTF-8_V2_DAILY_YYYYMMDD.ZIP

Column	Daily Fite Name OTF-6. SAM_TODERC_OTF-6_V2_DAILT_TTT	Data Format	Max	
Order	SAM Data Element List	Data i Oilliat	Length	
1	UNIQUE ENTITY IDENTIFIER (SAM)	STRING	12	
2	UNIQUE ENTITY IDENTIFIER (DUNS)	Numeric	9	
3	ENTITY EFT INDICATOR	STRING	4	
4	CAGE CODE	STRING	5	
5	DODAAC	STRING	9	
6	SAM EXTRACT CODE Monthly File: A - Active - Send the Complete Record. E - Expired - Send the Complete Record. Daily File: 1 - Deleted/Deactivated Record - Send UEI(SAM), UEI(DUNS), EFT INDICATOR, CAGE Code, DODAAC, SAM Extract Code, Purpose of Registration. 2 - New Active Record - Send the Complete Record. 3 - Updated Active Record - Send the Complete Record. 4 - Expired Record - UEI(SAM), UEI(DUNS), EFT INDICATOR, CAGE Code, DODAAC, SAM Extract Code, Purpose of Registration.		STRING 1	
7	7 PURPOSE OF REGISTRATION Z1 - Federal Assistance Awards Z2 - All Awards Z3 - IGT-Only Z4 - Federal Assistance Awards & IGT Z5 - All Awards & IGT		2	
8	8 INITIAL REGISTRATION DATE YYYYMM		8	
9	REGISTRATION EXPIRATION DATE	YYYYMMDD	8	
10	LAST UPDATE DATE	YYYYMMDD	8	
11	ACTIVATION DATE	YYYYMMDD	8	
12	LEGAL BUSINESS NAME	STRING	120	
13	13 DBA NAME STRI		120	
14 ENTITY DIVISION		STRING	60	
		STRING	10	
16			150	
17	17 PHYSICAL ADDRESS LINE 2 STRING		150	
18	18 PHYSICAL ADDRESS CITY STRIN		40	
19	PHYSICAL ADDRESS PROVINCE OR STATE	STRING	55	
20	PHYSICAL ADDRESS ZIP/POSTAL CODE	STRING	50	
21	PHYSICAL ADDRESS ZIP CODE +4	Numeric	4	
22	PHYSICAL ADDRESS COUNTRY CODE	STRING	3	

SAM Data Elomont Liet	Column	Column			
24 D&B OPEN DATA FLAG STRING 1 25 ENTITY START DATE YYYYMMDD 8 26 FISCAL YEAR END CLOSE DATE MMDD 4 27 ENTITY URL STRING 20 28 ENTITY STRUCTURE STRING 2 30 COUNTRY OF INCORPORATION STRING 3 31 BUSINESS TYPE COUNTER Numeric 4 32 BUSINESS TYPE STRING Hold the string of business type codes, the number codes corresponding to the BUSINESS TYPE COUNTER Numeric 4 33 PRIMARY NAICS STRING 6 34 NAICS CODE COUNTER Numeric 4 35 Holds the string of NAICS codes, the number of codes corresponding to the NAICS CODE COUNTER Numeric 4 36 PSC CODE COUNTER Numeric 4 37 PSC CODE COUNTER Numeric 4 38 CREDIT CARD USAGE Yor N 1 40 MAILING ADDRESS LINE 1 STRING 150 41 MAILING ADDRESS LINE 2	Column Order		Data Format	Max Length	
25 ENTITY START DATE 26 FISCAL YEAR END CLOSE DATE MMDD 27 ENTITY URL 28 ENTITY STRUCTURE 29 STATE OF INCORPORATION 30 COUNTRY OF INCORPORATION 31 BUSINESS TYPE COUNTER 32 BUSINESS TYPE COUNTER 33 BUSINESS TYPE STRING 40 Hold the string of business type codes, the number codes corresponding to the BUSINESS TYPE COUNTER 39 PRIMARY NAICS 31 PRIMARY NAICS 31 NAICS CODE STRING 41 NAICS CODE STRING 42 Holds the string of NAICS codes, the number of codes corresponding to the String of PSC codes, the number of codes corresponding to the NAICS CODE COUNTER 36 PSC CODE COUNTER 37 PSC CODE STRING 48 Holds the string of PSC codes, the number of codes corresponding to the NAICS CODE STRING 38 CREDIT CARD USAGE 40 MAILING ADDRESS LINE 1 41 MAILING ADDRESS LINE 2 41 MAILING ADDRESS LINE 2 42 MAILING ADDRESS LINE 2 43 MAILING ADDRESS ZIPPOSTAL CODE 44 MAILING ADDRESS ZIPCOSE +4 45 MAILING ADDRESS STRING 46 MAILING ADDRESS STRING 47 NAICS EXCEPTION COUNTER 48 NAICS EXCEPTION COUNTER 49 DEBT SUBJECT TO OFFSET FLAG 40 NAICS EXCEPTION COUNTER 41 NAICS EXCEPTION COUNTER 42 NAICS EXCEPTION COUNTER 43 NAICS EXCEPTION COUNTER 44 NAICS EXCEPTION COUNTER 45 SBA BUSINESS TYPES COUNTER 46 NAILING ADDRESS STRING 47 NAICS EXCEPTION COUNTER 48 NAICS EXCEPTION COUNTER 49 DEBT SUBJECT TO OFFSET FLAG 40 NAILING ADDRESS STYPES COUNTER 41 NAICS EXCEPTION COUNTER 42 SBA BUSINESS TYPES COUNTER 43 NO PUBLIC DISPLAY FLAG 44 NAILING OF SBA BUSINESS TYPES COUNTER 45 DISASTER RESPONSE COUNTER 56 DISASTER RESPONSE COUNTER 57 NO PUBLIC DISPLAY FLAG 58 DISASTER RESPONSE COUNTER 59 DISASTER RESPONSE COUNTER 50 DISASTER RESPONSE COUNTER 51 DISASTER RESPONSE COUNTER 52 DISASTER RESPONSE COUNTER 53 NO PUBLIC DISPLAY FLAG 54 DISASTER RESPONSE COUNTER 57 NO PUBLIC DISPLAY FLAG 58 DISASTER RESPONSE COUNTER 59 DISASTER RESPONSE COUNTER 50 DISASTER RESPONSE COUNTER 50 DISASTER RESPONSE COUNTER 51 DISASTER RESPONSE COUNTER 52 DISASTER RESPONSE COUNTER 53 DISASTER RESPONSE COUNTER 54 DISASTER RESPONSE C	23	PHYSICAL ADDRESS CONGRESSIONAL DISTRICT	Numeric	10	
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27	25	ENTITY START DATE	YYYYMMDD	8	
28 ENTITY STRUCTURE STRING 2 29 STATE OF INCORPORATION STRING 2 30 COUNTRY OF INCORPORATION STRING 3 31 BUSINESS TYPE COUNTER Numeric 4 32 BUSINESS TYPE STRING Hold the string of business type codes, the number codes corresponding to the BUSINESS TYPE COUNTER - Separated 220 33 PRIMARY NAICS STRING 6 34 NAICS CODE STRING Holds the string of NAICS codes, the number of codes corresponding to the NAICS CODE COUNTER - Separated 12000 35 Holds the string of PSC codes, the number of codes corresponding to the PSC CODE COUNTER Numeric 4 36 PSC CODE STRING Holds the string of PSC codes, the number of codes corresponding to the 	26	FISCAL YEAR END CLOSE DATE	MMDD	4	
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30 COUNTRY OF INCORPORATION 31 BUSINESS TYPE COUNTER 4 BUSINESS TYPE COUNTER 4 BUSINESS TYPE STRING Hold the string of business type codes, the number codes corresponding to the BUSINESS TYPE COUNTER 33 PRIMARY NAICS 57RING 5 NAICS CODE COUNTER NAICS CODE STRING Holds the string of NAICS codes, the number of codes corresponding to the NAICS CODE COUNTER NAICS CODE STRING PSC CODE COUNTER Numeric 4 PSC CODE COUNTER NAILING ADDRESS LINE 1 STRING 150 47 MAILING ADDRESS LINE 2 STRING 150 48 MAILING ADDRESS CITY STRING 40 MAILING ADDRESS CITY STRING 50 MAILING ADDRESS COUNTEY 48 MAILING ADDRESS COUNTEY THE COUNTER NUMERIC 49 MAILING ADDRESS COUNTER NAICS EXCEPTION STRING Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER NAICS EXCEPTION STRING Holds the string of SBA business type codes, the number of codes corresponding to the NAICS EXCEPTION COUNTER Numeric 4 PDEBT SUBJECT TO OFFSET FLAG POR NAICS EXCEPTION STRING Holds the string of SBA business type codes, the number of codes corresponding to the SBA BUSINESS TYPES COUNTER NUMERIC 50 EXCLUSION STATUS FLAG NPDY or null Numeric 4 DISASTER RESPONSE COUNTER Numeric Nu	28	ENTITY STRUCTURE	STRING	2	
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35 Holds the string of NAICS codes, the number of codes corresponding to the NAICS CODE COUNTER Numeric 4	34	NAICS CODE COUNTER	Numeric	4	
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39 CORRESPONDENCE FLAG 40 MAILING ADDRESS LINE 1 41 MAILING ADDRESS LINE 2 42 MAILING ADDRESS CITY 43 MAILING ADDRESS ZIP/POSTAL CODE 44 MAILING ADDRESS ZIP/POSTAL CODE 45 MAILING ADDRESS ZIP/POSTAL CODE 46 MAILING ADDRESS ZIP CODE +4 47 MAILING ADDRESS COUNTRY 48 MAILING ADDRESS STATE OR PROVINCE 48 NAICS EXCEPTION COUNTER 49 NAICS EXCEPTION STRING 40 Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER 49 DEBT SUBJECT TO OFFSET FLAG 50 EXCLUSION STATUS FLAG 51 SBA BUSINESS TYPES COUNTER 52 SBA BUSINESS TYPES STRING Holds the string of SBA business type codes, the number of codes corresponding to the SBA BUSINESS TYPES COUNTER 53 NO PUBLIC DISPLAY FLAG 54 DISASTER RESPONSE COUNTER 55 DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER			~ Separated	2500	
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42 MAILING ADDRESS CITY 43 MAILING ADDRESS ZIP/POSTAL CODE 44 MAILING ADDRESS ZIP CODE +4 45 MAILING ADDRESS ZIP CODE +4 46 MAILING ADDRESS COUNTRY 46 MAILING ADDRESS STATE OR PROVINCE 47 NAICS EXCEPTION COUNTER 48 NAICS EXCEPTION STRING Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER 49 DEBT SUBJECT TO OFFSET FLAG 49 DEBT SUBJECT TO OFFSET FLAG 50 EXCLUSION STATUS FLAG 51 SBA BUSINESS TYPES COUNTER 52 SBA BUSINESS TYPES COUNTER 53 NO PUBLIC DISPLAY FLAG 54 DISASTER RESPONSE COUNTER 55 DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER	40	MAILING ADDRESS LINE 1		150	
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44 MAILING ADDRESS ZIP CODE +4 45 MAILING ADDRESS COUNTRY 46 MAILING ADDRESS STATE OR PROVINCE 47 NAICS EXCEPTION COUNTER 48 NAICS EXCEPTION STRING Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER 49 DEBT SUBJECT TO OFFSET FLAG 49 DEBT SUBJECT TO OFFSET FLAG 50 EXCLUSION STATUS FLAG 51 SBA BUSINESS TYPES COUNTER 52 SBA BUSINESS TYPES STRING Holds the string of SBA business type codes, the number of codes corresponding to the SBA BUSINESS TYPES COUNTER 53 NO PUBLIC DISPLAY FLAG 54 DISASTER RESPONSE COUNTER 55 DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER	42			40	
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46 MAILING ADDRESS STATE OR PROVINCE 47 NAICS EXCEPTION COUNTER 48 NAICS EXCEPTION STRING Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER 49 DEBT SUBJECT TO OFFSET FLAG 49 EXCLUSION STATUS FLAG 50 EXCLUSION STATUS FLAG 51 SBA BUSINESS TYPES COUNTER 52 SBA BUSINESS TYPES STRING Holds the string of SBA business type codes, the number of codes corresponding to the SBA BUSINESS TYPES COUNTER 53 NO PUBLIC DISPLAY FLAG 54 DISASTER RESPONSE COUNTER 55 DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER	44			4	
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54 DISASTER RESPONSE COUNTER 55 DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER 56 Numeric 4 75 value groups corresponding to the DISASTER RESPONSE COUNTER			~ Separated	125	
55 DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER 75	53			4	
Holds the string of disaster response area serviced codes and area code ~ Separated 75 value groups corresponding to the DISASTER RESPONSE COUNTER	54	DISASTER RESPONSE COUNTER Numeri		4	
<u> </u>	55	Holds the string of disaster response area serviced codes and area code	~ Separated	75	
	56	<u> </u>	STRING	0	

Column Order	SAM Data Element List	Data Format	Max Length
57	FLEX FIELD 2	STRING	0
58	FLEX FIELD 3	STRING	0
59	FLEX FIELD 4	STRING	0
60	FLEX FIELD 5	STRING	0
61	FLEX FIELD 6	STRING	0
62	FLEX FIELD 7	STRING	0
63	FLEX FIELD 8	STRING	0
64	FLEX FIELD 9	STRING	0
65	FLEX FIELD 10	STRING	0
66	FLEX FIELD 11	STRING	0
67	FLEX FIELD 12	STRING	0
68	FLEX FIELD 13	STRING	0
69	FLEX FIELD 14	STRING	0
70	FLEX FIELD 15	STRING	0
71	FLEX FIELD 16	STRING	0
72	FLEX FIELD 17	STRING	0
73	FLEX FIELD 18	STRING	0
74	FLEX FIELD 19	STRING	0
75	FLEX FIELD 20	STRING	0
76	END OF RECORD INDICATOR = "!end"	STRING	4

All data elements will be separated with a pipe character ("|").

File Header and Trailer

Each file shall begin and end with the same with the same header and trailer layout as below:

Header record layout:

- "BOF PUBLIC"
- YYYYMMDD
- YYYYMMDD
- Record count always zeros 9999999
- Sequence number 9999999
- Example—BOF PUBLIC 20150911 20150911 0003861 0005253

Trailer record layout:

- "EOF PUBLIC"
- YYYYMMDD
- YYYYMMDD
- Record count always zeros 9999999
- Sequence number 9999999
- Example—EOF PUBLIC 20150911 20150911 0003861 0005253

Repeating Field (Counter) Strings

SAM Extracts contain several instances of counters working in relation to repeating value fields, such as Business Types, NAICS codes, and Product and Service Codes (PSCs).

The counter will read "0000" followed by an empty string if there are no codes of that type for the entity. Where the counter is 0001 or greater, the codes will be disseminated consecutively in one string with a \sim (tilde) separating each code or code group in the string.

Business Type String

29	BUSINESS TYPE COUNTER	Numeric	4
30	BUSINESS TYPE STRING Hold the string of business type codes, the number codes corresponding to the BUSINESS TYPE COUNTER	~ Separated	220

Breakdown of the string and example below:

"...~8W~A7~A8~..."

Position 1 = Business Type Code == "8W", "A7", "A8"

For a full listing of Business Type Codes, please refer to the SAM Functional Data Dictionary.

NAICS Code String

32	NAICS CODE COUNTER	Numeric	4
33	NAICS CODE STRING Holds the string of NAICS codes, the number of codes corresponding to the NAICS CODE COUNTER	~ Separated	12000

NAICS CODE STRING: Repeat X times to correspond with counter. The letter next to the NAICS code is the Small Business indicator (Y/N/E).

Please note: The following NAICS codes are not used for Federal procurement purposes, therefore do not have an SBA-established small business size standard. There will be no Y/N/E answer for the small business status associated with the NAICS codes below. These NAICS codes will be sent with a blank space " " in place of the Y/N/E answer:

112130, 521110, 541120, 551114, 814110, 921110, 921120, 921130, 921140, 921150, 921190, 922110, 922120, 922130, 922140, 922150, 922160, 922190, 923110, 923120, 923130, 923140, 924110, 924120, 925110, 925120, 926110, 926120, 926130, 926140, 926150, 927110, 928110

Breakdown of the string and example below:

"... ~237990N~541340N~ ..."

Position1 = NAICS Code == "237990", "541340"

Position2 = Small Business Indication == "N", "N"

PSC Code String

_				
	34	PSC CODE COUNTER	Numeric	4

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35	PSC CODE STRING Holds the string of PSC codes, the number of codes corresponding to the PSC	~ Separated	2500
	CODE COUNTER		

PSC CODE STRING: Repeat X times to correspond with counter.

Breakdown of the string and example below:

```
"... ~Y159~Y161~Y162~Y163~Y179~Y222~Z200~Z300~ ..."

Position1 = PSC Code == "Y159", "Y161", "Y162", "Y163", "Y179", "Y222", "Z200", "Z300"
```

NAICS Exception String

141	NAICS EXCEPTION COUNTER		4
142	NAICS EXCEPTION STRING Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER	~ Separated	1100

There are 13 NAICS codes with possible size exceptions. And there are from two to four exceptions for each of these NAICS codes. The first 6 digits (1st position) of NAICS EXCEPTIONS is the NAICS code, followed by a 'Y', 'N' or NULL in each of the next four positions. Note that in this string a NULL value is denoted by a space rather than the word "NULL". The values of the string are outlined below within the quotation marks. Breakdown of the string and example below:

```
"... ~115310YN ~541330NYY ~ ..."

Position1 = NAICS Code == "115310", "541330"

Position2 = NAICS Exception 1 == "Y", "N"

Position3 = NAICS Exception 1 == "N", "Y"

Position4 = NAICS Exception 1 == NULL " ", "Y"

Position5 = NAICS Exception 1 == NULL " ", NULL " "
```

The NAICS Exception string is utilized when one of the NAICS Codes in the table to the left is used. When one of these NAICS Codes is present, the NAICS String will have an "E" rather than the normal "Y" or "N" response. This is to direct the user to look at the NAICS Exception String. Every NAICS Code that has an exception has between 1 and 4 exceptions, as outlined in the table.

The first exception (1) is always the Y/N answer General Base NAICS Business Size standard. This is the Y/N answer that would have been in the NAICS String, had the NAICS not have been an Exception NAICS. The remaining exceptions are the exceptions for the specific industry sectors.

SBA Business Types String

145	SBA BUSINESS TYPES COUNTER Numeric		4
146	SBA BUSINESS TYPES STRING Holds the string of SBA business type codes, the number of codes corresponding to the SBA BUSINESS TYPES COUNTER	~ Separated	125

SBA Certification String: Holds X program participation and expiration dates to correspond to the counter. The first 2 positions of SBA Certifications is an SBA Business Code followed by an expiration date in YYYYMMDD format.

Breakdown of the string and example below:

"...~A620210101~XX20210102~..."

Position1 = Business Type Code == "A6", "XX"

Position2 = SBA Cert Expiration Date == "20210101", "20210102"

The possible SBA Small Business types are below:

Business Type Code	Business Type Name
A6	SBA Certified 8A Program Participant
JT	SBA Certified 8A Joint Venture
XX	SBA Certified HUBZone Firm

Disaster Response String

148	DISASTER RESPONSE COUNTER	Numeric	4
149	DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER	~ Separated	75

The first three positions of a Disaster Response string entry represent an area serviced code, followed by an area code. State area codes are two positions, County area codes are five positions and Metropolitan Service Area codes are four positions. An area serviced code of "ANY" will not be followed by an area code.

Breakdown of the string and example below:

"CTYFL051~CTYFL085~CTYFL099~MSA2700~MSA2710~MSA8960~STAFL"

Position1 = Type Code == "CTY", "CTY", "CTY", "MSA", "MSA", "MSA", "STA" Position2 = Area Code == "FL051", "FL085", "FL099", "2700", "2710", "8960", "FL"

CTY = County code

FL051 = Pasco

FL085 = Sarasota

FL099 = Fairfield

MSA = Metropolitan Service Area code

2700 = Fort Myers-Cape Coral, FL

2710 = Fort Pierce-Port St Lucie, FL

8960 = West Palm Beach-Boca Raton, FL

STA = State code

FL = Florida (Per STATE List.csv)

The list of Area Serviced Codes (the first 3 fields of a Disaster response entry) are below:

Type Code	Type Description
ANY	Any area
STA	State
CTY	County
MSA	Metropolitan Service Area