



User Guide | PUBLIC
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How to Work with GST Simplified Returns – ANX in the India Localization for SAP Business One 10.0

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1 Document History

Document History

Version	Date	Change
1.0	2020-04-27	Initial version for: <ul style="list-style-type: none">• SAP Business One 10.0 patch level 02• SAP Business One 10.0 patch level 02, version for SAP HANA

2 Introduction

This how-to guide will help you to generate the GST ANX-1 report using the GST simplified returns - ANX feature in the India localization of SAP Business One and SAP Business One, version for SAP HANA.

The GST ANX-1 report has ten sections in which day-to-day business transactions are required to be reported. You upload the report to the new returns offline tool released by the government and you will then get a json file to be uploaded to the GST portal.

After the two steps in this guide are completed, you will get the Excel or CSV files in the formats released by the Indian government, and ready for the new returns offline tool.

You have the following methods to generate the GST ANX-1 report:

- For SAP Business One:
 - Via Microsoft SQL Server Management Studio
 - Via query manager in SAP Business One
 - Via the *GST Report - ANX* window in SAP Business One

i Note

This method is documented in SAP Note [2906217](#).

- For SAP Business One, version for SAP HANA:
 - Via SAP HANA Studio
 - Via query manager in SAP Business One, version for SAP HANA
 - Via the *GST Report - ANX* window in SAP Business One, version for SAP HANA

i Note

This method is documented in SAP Note [2906217](#).

Prerequisites

- You have maintained the GST state codes in the *States - Setup* window. For more information about the state codes, look for the guide *How to Work with GST in the India Localization of SAP Business One* on [SAP Help Portal](#).
- From SAP Note [2906217](#), you have downloaded the following attachments:
 - For SAP Business One:
 - `India Generate GST Reports_ANX.sql`
 - For SAP Business One, version for SAP HANA:
 - `India Generate GST Reports_CreateTables_HANA_ANX.sql`
 - `India Generate GST Reports_HANA_ANX.sql`
 - `India_Generate_GST_Reports_CreateTables_HANA_ANX_For_Query_Manager.sql`

o `India_Generate_GST_Reports_HANA_ANX_For_Query_Manager.sql`

3 Step 1: Retrieving Data from SAP Business One

In this section, you can choose one of the following four methods that best suits your situation to retrieve data for the GST ANX-1 report from SAP Business One or SAP Business One, version for SAP HANA.

3.1 Via Microsoft SQL Server Management Studio

Procedure

1. In the Microsoft SQL Server management studio, run the scripts in the downloaded file `India Generate GST Reports_ANX.sql`.
2. In the Microsoft SQL Server management studio, run the following scripts to get the data for a certain section:

```
exec <section name> '<from date>', '<to date>', '<GSTIN>'
```

- You can use the following names for each section:
 - GST_REPORT_ANX1_B2C
 - GST_REPORT_ANX1_B2B
 - GST_REPORT_ANX1_EXP
 - GST_REPORT_ANX1_SEZ
 - GST_REPORT_ANX1_DE
 - GST_REPORT_ANX1_REV
 - GST_REPORT_ANX1_IMPS
 - GST_REPORT_ANX1_IMPG
 - GST_REPORT_ANX1_IMPGSEZ
 - GST_REPORT_ANX1_ECOM
- Parameters `<from date>` and `<to date>` are the start and end dates, respectively, of the date range within which you want to retrieve your data, and the date refers to the posting date of the documents. The date format is YYYY-MM-DD.
- Parameter `<GSTIN>` is the GSTIN for which you want to get the data.

❖ Example

```
exec GST_REPORT_ANX1_B2C '2020-04-01', '2020-04-30', '07AAFCA5714K2ZK' will retrieve data for the B2C section from April 1st 2020 to April 30th 2020 for GSTIN 07AAFCA5714K2ZK.
```

Results

You get the data of that section based on your date range and GSTIN. For more information about the rules for data retrieval and what the data looks like, see [Rules and Examples of Each Section \[page 13\]](#).

3.2 Via Query Manager in SAP Business One

Procedure

1. In the Microsoft SQL Server management studio, run the scripts in the downloaded file `India Generate GST Reports_ANX.sql`.
2. From the SAP Business One menu bar, choose **Tools > Queries > Query Generator**.
3. In the *Query Generator* window, choose *Execute*.
4. In the upper left corner of the *Query Preview* window, choose the *Activate Edit Mode* icon, copy the query as follows, and choose *Save*.

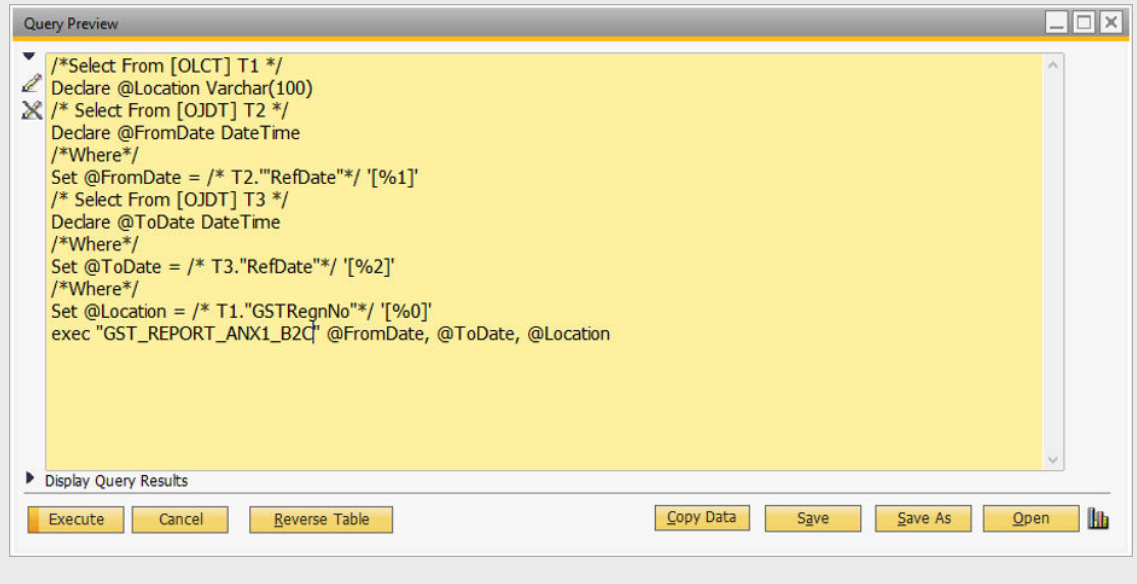
```
/*Select From [OLCT] T1 */
Declare @Location Varchar(100)
/* Select From [OJDT] T2 */
Declare @FromDate DateTime
/*Where*/
Set @FromDate = /* T2."RefDate"*/ '[%1]'
/* Select From [OJDT] T3 */
Declare @ToDate DateTime
/*Where*/
Set @ToDate = /* T3."RefDate"*/ '[%2]'
/*Where*/
Set @Location = /* T1."GSTRegnNo"*/ '[%0]'
exec "<section name>" @FromDate, @ToDate, @Location
```

You can use the following names for each section:

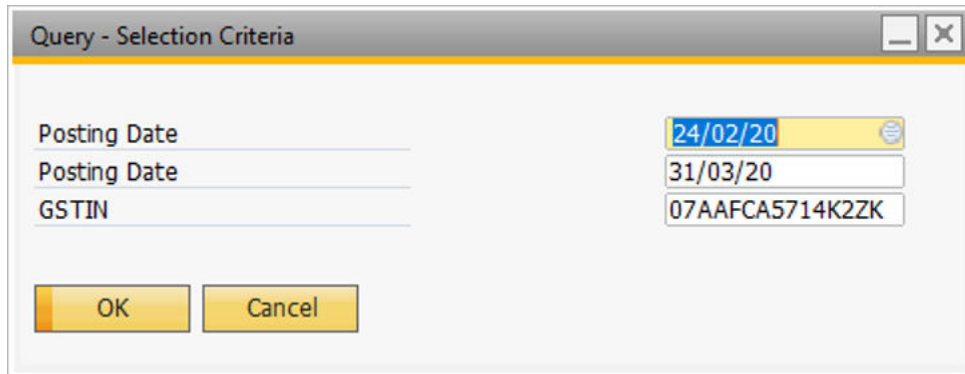
- GST_REPORT_ANX1_B2C
- GST_REPORT_ANX1_B2B
- GST_REPORT_ANX1_EXP
- GST_REPORT_ANX1_SEZ
- GST_REPORT_ANX1_DE
- GST_REPORT_ANX1_REV
- GST_REPORT_ANX1_IMPS
- GST_REPORT_ANX1_IMPG
- GST_REPORT_ANX1_IMPGSEZ
- GST_REPORT_ANX1_ECOM

❖ Example

The following query will retrieve data for the B2C section.



5. In the *Save Query* window, enter a name for the query, select a query category, and choose *Save*.
6. From the SAP Business One menu bar, choose **Tools > Queries > Query Manager...**, and open the query you just saved.
7. In the *Query - Selection Criteria* window, define the date range and GSTIN, and choose *OK*.



Results

You get the data of that section based on your date range and GSTIN. For more information about the rules for data retrieval and what the data looks like, see [Rules and Examples of Each Section \[page 13\]](#).

3.3 Via SAP HANA Studio

Procedure

1. In the SAP HANA studio, run the scripts in the two downloaded files: first India Generate GST Reports_CreateTables_HANA_ANX.sql, and then India Generate GST Reports_HANA_ANX.sql.
2. In the SAP HANA studio, run the following scripts to get the data for a certain section:

```
CALL "<section name>" ('<from date>', '<to date>', '<GSTIN>')
```

- You can use the following names for each section:
 - GST_REPORT_ANX1_B2C
 - GST_REPORT_ANX1_B2B
 - GST_REPORT_ANX1_EXP
 - GST_REPORT_ANX1_SEZ
 - GST_REPORT_ANX1_DE
 - GST_REPORT_ANX1_REV
 - GST_REPORT_ANX1_IMPS
 - GST_REPORT_ANX1_IMPG
 - GST_REPORT_ANX1_IMPGSEZ
 - GST_REPORT_ANX1_ECOM
- Parameters <from date> and <to date> are the start and end dates, respectively, of the date range within which you want to retrieve your data, and the date refers to the posting date of the documents. The date format is YYYYMMDD.
- Parameter <GSTIN> is the GSTIN for which you want to get the data.

❖ Example

```
CALL "GST_REPORT_ANX1_B2C" ('20200401', '20200430', '07AAFCA5714K2ZK') will retrieve data for the B2C section from April 1st 2020 to April 30th 2020 for GSTIN 07AAFCA5714K2ZK.
```

Results

You get the data of that section based on your date range and GSTIN. For more information about the rules for data retrieval and what the data looks like, see [Rules and Examples of Each Section \[page 13\]](#).

3.4 Via Query Manager in SAP Business One, version for SAP HANA

Procedure

1. In the SAP HANA studio, run the scripts in the two downloaded files: first `India_Generate_GST_Reports_CreateTables_HANA_ANX_For_Query_Manager.sql`, and then `India_Generate_GST_Reports_HANA_ANX_For_Query_Manager.sql`.
2. From the SAP Business One, version for SAP HANA menu bar, choose **Tools > Queries > Query Generator**.
3. In the *Query Generator* window, choose *Execute*.
4. In the upper left corner of the *Query Preview* window, choose the *Activate Edit Mode* icon, copy the query as follows, and choose *Save*.

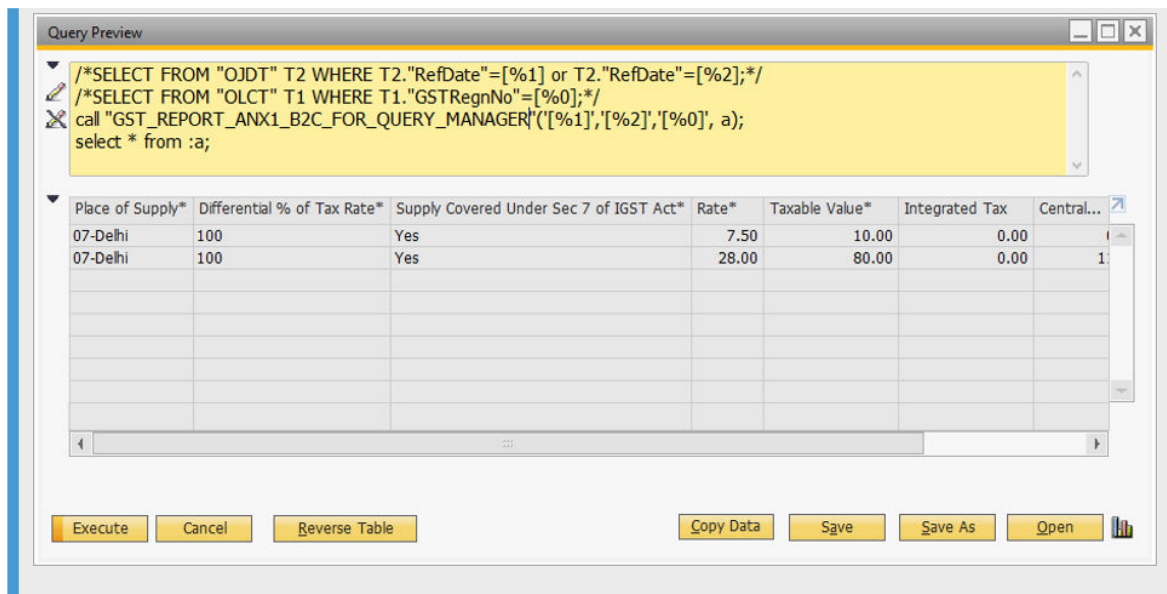
```
/*SELECT FROM "OJDT" T2 WHERE T2."RefDate"=[%1] or T2."RefDate"=[%2];*/  
/*SELECT FROM "OLCT" T1 WHERE T1."GSTRegnNo"=[%0];*/  
call "<section name>"('[%1]','[%2]','[%0]', a);  
select * from :a;
```

You can use the following names for each section:

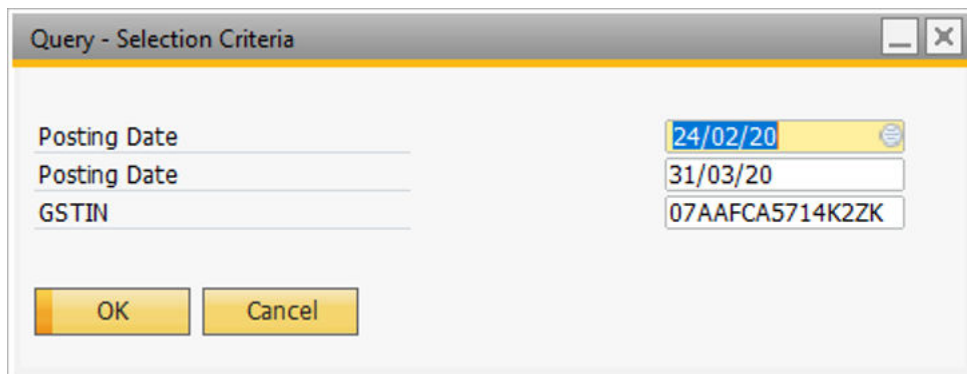
- GST_REPORT_ANX1_B2C_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_B2B_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_EXP_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_SEZ_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_DE_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_REV_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_IMPS_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_IMPG_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_IMPGSEZ_FOR_QUERY_MANAGER
- GST_REPORT_ANX1_ECOM_FOR_QUERY_MANAGER

Example

The following query will retrieve data for the B2C section.



5. In the *Save Query* window, enter a name for the query, select a query category, and choose *Save*.
6. From the SAP Business One, version for SAP HANA menu bar, choose **Tools > Queries > Query Manager...**, and open the query you just saved.
7. In the *Query - Selection Criteria* window, define the date range and GSTIN, and choose *OK*.



Results

You get the data of that section based on your date range and GSTIN. For more information about the rules for data retrieval and what the data looks like, see [Rules and Examples of Each Section \[page 13\]](#).

4 Step 2: Preparing the Data for the New Returns Offline Tool

Context

The following steps use the B2C section data retrieved via the Microsoft SQL Server management studio as an example.

You have the data as follows from [Step 1: Retrieving Data from SAP Business One \[page 6\]](#):

	Place of Supply*	Differential % of Tax Rate*	Supply Covered Under Sec 7 of IGST Act*	Rate*	Taxable Value*	Integrated Tax	Central Tax	State/UT Tax	Cess
1	07-Delhi	100	Yes	7.50	120.30		4.51	4.51	1.20
2	07-Delhi	100	Yes	28.00	120.30		16.84	16.84	1.20

Procedure

1. Right-click the data, choose [Select All](#), right-click the selected area, and then choose [Copy](#).
2. Open the Excel file downloaded from the government web site, and paste the data to the [B2C](#) tab.

For other tabs, copy the data of other sections and paste to the corresponding tabs.

Results

You have the Excel file ready for the new returns offline tool.

You can also prepare a section-wise CSV file and upload each section separately to the new returns offline tool. To do so, right-click the data, choose [Select All](#), right-click the selected area, choose [Copy with Headers](#), paste it to an empty Excel file, and then save the Excel file in [CSV](#) format.

5 Rules and Examples of Each Section

The following examples use the data retrieved via the Microsoft SQL Server management studio in [Step 1: Retrieving Data from SAP Business One \[page 6\]](#).

5.1 B2C

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents for which the business partner is not registered to GST. This is determined by the *INV12 BpGSTType* column of the document. If the value of this column is *NULL* or empty, this document will be considered.

i Note

The value of the *INV12 BpGSTType* column is derived from the following sources:

- When you are creating a document from scratch, this value comes from the business partner master data by default, but you can always update it during the creation process.
- When you are creating a document based on another document, this value comes from that document by default, but you can always update it during the creation process.

However, this value is set at the point of document creation, which means, this value will not change even if you update the GST information later in the business partner master data.

- Documents with tax types *IGST*, *CGST*, *SGST/UTGST*, or *CESS*.
- A/R invoices, debit memos, and credit memos for which the *Export* checkbox on the *Tax* tab is not selected.
- Documents for which the *Revision* checkbox on the *Tax* tab is not selected, which means, revision documents are excluded.

Example

	Place of Supply*	Differential % of Tax Rate*	Supply Covered Under Sec 7 of IGST Act*	Rate*	Taxable Value*	Integrated Tax	Central Tax	State/UT Tax	Cess
1	07-Delhi	100	Yes	7.50	120.30		4.51	4.51	1.20
2	07-Delhi	100	Yes	28.00	120.30		16.84	16.84	1.20

5.2 B2B

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents for which the business partner is registered to GST. This is determined by the *INV12 BpGSTType* column of the document. If the value of this column is not *NULL* or empty, this document will be considered.

i Note

The value of the *INV12 BpGSTType* column is derived from the following sources:

- When you are creating a document from scratch, this value comes from the business partner master data by default, but you can always update it during the creation process.
- When you are creating a document based on another document, this value comes from that document by default, but you can always update it during the creation process.

However, this value is set at the point of document creation, which means, this value will not change even if you update the GST information later in the business partner master data.

- Documents with tax types *IGST*, *CGST*, *SGST/UTGST*, or *CESS*.
- A/R invoices, debit memos, and credit memos for which the *Export* checkbox on the *Tax* tab is not selected.
- Documents for which the *Revision* checkbox on the *Tax* tab is selected, which means, only revision documents are considered.

Example

	GSTIN/UIN of Recipi...	Tra...	Document Type*	Docu...	Document Date*	Document ...	Place of Supply*	Differential %...	Supply C...	HSN Code	Rate*	Taxable Value*	Integrated Tax	Cent...	Stat...	Cess
1	07AAACF1282E1Z1		Invoice	2	27-03-2020	12.96	37-Andhra Pradesh	100	Yes	02021000	7.50	6.00	0.45			0.06
2	07AAACF1282E1Z1		Invoice	2	27-03-2020	12.96	37-Andhra Pradesh	100	Yes	03031100	28.00	5.00	1.40			0.05

5.3 EXP

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents with tax types *IGST* or *CESS*.
- A/R invoices, debit memos, and credit memos for which the *Export* checkbox on the *Tax* tab is selected, and the export type is *Imports/Exports*.
- Documents for which the *Revision* checkbox on the *Tax* tab is not selected, which means, revision documents are excluded.

Example

	Document Type*	Docume...	Document Date*	Document Value*	Export Type*	Port Code	Shipping ...	Shipping Bill Date	HSN Code*	Rate*	Taxable Value*	Integrated...	Cess
1	Invoice	3	27-03-2020	250.83	WPAY	5689	2	18-03-2020	03071100	0.00	120.30		
2	Invoice	3	27-03-2020	250.83	WPAY	5689	2	18-03-2020	02021000	7.50	120.30	9.02	1.20

5.4 SEZ

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents with tax types *IGST* or *CESS*.
- A/R invoices, debit memos, and credit memos for which the *Export* checkbox on the *Tax* tab is selected, and the export type is *SEZ Developer* or *SEZ Unit*.
- Documents for which the *Revision* checkbox on the *Tax* tab is selected, which means, only revision documents are considered.

Example

	GSTIN of Recipient*	Trade/...	Document Type*	Docum...	Document Date*	Document ...	Place of Supply*	GST Payment Type*	Differenti...	Would You ...	HSN Code*	Rate*	Taxable Va...	Integrate...	Cess
1	07AAACF1282E1Z1		Invoice	4	27-03-2020	240.60	37-Andhra Pradesh	WOPAY	65	No	03071100	0.00	120.30		
2	07AAACF1282E1Z1		Invoice	4	27-03-2020	240.60	37-Andhra Pradesh	WOPAY	65	No	02021000	7.50	120.30		

5.5 DE

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents for which the business partner is registered to GST. This is determined by the *INV12 BpGSTType* column of the document. If the value of this column is not *NULL* or empty, this document will be considered.

i Note

The value of the *INV12 BpGSTType* column is derived from the following sources:

- When you are creating a document from scratch, this value comes from the business partner master data by default, but you can always update it during the creation process.
- When you are creating a document based on another document, this value comes from that document by default, but you can always update it during the creation process.

However, this value is set at the point of document creation, which means, this value will not change even if you update the GST information later in the business partner master data.

- Documents with tax types *IGST*, *CGST*, *SGST/UTGST*, or *CESS*.
- A/R invoices, debit memos, and credit memos for which the *Export* checkbox on the *Tax* tab is selected, and the export type is *Deemed Imports/Exports*.
- Documents for which the *Revision* checkbox on the *Tax* tab is selected, which means, only revision documents are considered.

Example

	GSTIN of Recipient*	Tra...	Document Type*	Document...	Document Date*	Document Value*	Place of Supply*	Differe...	Supply Cov...	Would You Clai...	HSN Code*	Rate*	Taxable Value*	Integrated Tax	Cent...	St...	Cess
1	07AAACF1282E1Z1		Invoice	5	27-03-2020	285.72	37-Andhra Pradesh	100	Yes	Yes	03031100	7.50	120.30	9.02			1.20
2	07AAACF1282E1Z1		Invoice	5	27-03-2020	285.72	37-Andhra Pradesh	100	Yes	Yes	02021000	28.00	120.30	33.68			1.20

5.6 REV

Rules

i Note

The advance payments are considered in the following manner:

Value of taxable suppliers = value of invoices + value of debit notes – value of credit notes + value of advances received in the same month – value of advances linked to invoices or credit notes in the same month

Data that meet all the following conditions are retrieved to this section:

- Documents with tax types *IGST*, *CGST*, *SGST/UTGST*, or *CESS*.
- A/P invoices, debit memos, credit memos, self invoices, and self credit memos for which the *Import* checkbox on the *Tax* tab is not selected.
- Documents for which the *Revision* checkbox on the *Tax* tab is not selected, which means, revision documents are excluded.

Example

	GSTIN/PAN of Supplier*	Trade/Legal ...	Place of Supply*	Differenti...	Supply Co...	Supply Type	HSN Code	Rate*	Taxable Value*	Integrated T...	Centr...	State...	Cess
1	07AAAE78DWW877	V01 Name	07-Delhi	65	No	Intra-State	997133	28.00	14.72	4.12			0.15
2	07AAAE78DWW877	V01 Name	07-Delhi	65	Yes	Inter-State	999128	28.00	120.30	33.68			1.20
3	07AAAE78DWW877	V01 Name	07-Delhi	65	Yes	Inter-State	999133	7.50	120.30	3.61			0.48

5.7 IMPS

Rules

i Note

The advance payments are considered in the following manner:

Value of taxable suppliers = value of invoices + value of debit notes – value of credit notes + value of advances received in the same month – value of advances linked to invoices or credit notes in the same month

Data that meet all the following conditions are retrieved to this section:

- Documents with tax types *IGST* or *CESS*.
- A/P invoices, debit memos, and credit memos for which the *Import* checkbox on the *Tax* tab is selected, and the import type is *Imports/Exports*.
- Documents for which the *Revision* checkbox on the *Tax* tab is not selected, which means, revision documents are excluded.

Example

Results		Messages				
	Place of Supply*	HSN Code*	Rate*	Taxable Value*	Integrated Tax	Cess
1	07-Delhi	997133	28.00	14.72	4.12	0.15

5.8 IMPG

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents with tax types *IGST* or *CESS*.
- A/P invoices, debit memos, credit memos, self invoices, and self credit memos for which the *Import* checkbox on the *Tax* tab is selected, and the import type is *Imports/Exports*.

- Documents for which the *Revision* checkbox on the *Tax* tab is not selected, which means, revision documents are excluded.

Example

	Document Type*	Port Code*	Bill of Entry Number*	Bill of Entry Date*	Bill of Entry Value*	Place of Supply*	HSN Code*	Rate*	Taxable Value*	Integrated Tax Paid	Cess Paid
1	Bill of Entry	1258	25	23-03-2020	30.00	07-Delhi	02021000	28.00	120.30	33.68	1.20
2	Bill of Entry	1258	25	23-03-2020	30.00	07-Delhi	03031100	7.50	120.30	9.02	1.20

5.9 IMPGSEZ

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents with tax types *IGST* or *CESS*.
- A/P invoices, debit memos, credit memos, self invoices, and self credit memos for which the *Import* checkbox on the *Tax* tab is selected, and the import type is *SEZ Developer* or *SEZ Unit*.
- Documents for which the *Revision* checkbox on the *Tax* tab is not selected, which means, revision documents are excluded.

Example

	Document Type*	Port Code*	Bill of Entry Number*	Bill of Entry Date*	Bill of Entry Value*	Place of Supply*	HSN Code*	Rate*	Taxable Value*	Integrated Tax Paid	Cess Paid
1	Bill of Entry	1258	25	23-03-2020	30.00	07-Delhi	02021000	28.00	120.30	33.68	1.20
2	Bill of Entry	1258	25	23-03-2020	30.00	07-Delhi	03031100	7.50	120.30	9.02	1.20

5.10 ECOM

Rules

Data that meet all the following conditions are retrieved to this section:

- Documents with tax types *IGST*, *CGST*, *SGST/UTGST*, or *CESS*.
- A/R invoices, debit memos, and credit memos for which the *E-Commerce Operator* on the *Tax* tab is defined.
- Documents for which the *Revision* checkbox on the *Tax* tab is not selected, which means, revision documents are excluded.

Example



Results		Messages							
	GSTIN of E-com*	Trade/Legal Name	Value of supplies made*	Value of Supplies Returned*	Net Value of Supplies	Integrated Tax	Central Tax	State/UT Tax	Cess
1	07GDSPS3444H6CT	ECOM_R1 Name	350.00		350.00		25.43	25.43	3.50
2	12AJIPA1572E1CA		11.00		11.00	1.85			0.11

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