

THOMSON REUTERS
Web of Knowledge Usage Reports

COUNTER-SUSHI WEB SERVICE

Version 1.0



THOMSON REUTERS

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OVERVIEW

Web of Knowledge Usage Reporting Web Service complies with version 1.6 of the *Standardized Usage Statistics Harvesting Initiative (SUSHI)* protocol standard (ANSI/NISO Z39.93-2007) for obtaining electronic resource usage data. It follows the Simple Object Access Protocol (SOAP) for message exchange via the Web.

To use this service, you must have a Web services client that can send and receive SOAP messages conforming to the SUSHI 1.6 standard.

REPORTS OBTAINED BY THE WEB SERVICE

The following reports may be obtained via the Web of Knowledge Usage Reporting Web Service. These conform to the COUNTER Code of Practice for Journals and Databases Release 3.

REPORT	DESCRIPTION
DB1	Database Report 1: Total searches and Sessions by month and database
DB2	Database Report 2: Turnaways by month and database
DB3	Database Report 3: Total searches and sessions by month and service
CR2	Consortium Report 2: Total searches by month and database

The SUSHI Reports Registry at <http://www.niso.org/workrooms/sushi/reports/> provides more information about COUNTER-SUSHI reports as well as a link to the COUNTER-SUSHI schema.

AUTHENTICATION

Web of Knowledge Web Services are authenticated Web services. They require successful validation of your authentication credentials prior to data retrieval. In addition, access to the service itself is IP authenticated.

Two credentials are required: a Requestor ID, which is a 6-digit number, and a CustomerReference ID, which is a 32-alphanumeric string. These credentials should have been sent to you via email from Thomson Reuters Web Products Entitlements. If you did not receive this email, or if you have questions about your entitlements, please contact the Thomson Reuters Technical Help Desk at <http://science.thomsonreuters.com/techsupport>.

SERVICE ENDPOINT ADDRESS AND WSDL

The Web service endpoint address for Web of Knowledge Usage Reporting Web Service is:

https://sushi.webofknowledge.com/cxf_sushi/ws/SushiService

The WSDL may be retrieved from:

https://sushi.webofknowledge.com/cxf_sushi/cxf-wsclient-demo/docs/counter_sushi3_0.wsdl

For your convenience, the WSDL is printed in this guide (Appendix 2).

APPENDIX 1

Sample Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:coun="http://www.niso.org/schemas/sushi/counter"
xmlns:sus="http://www.niso.org/schemas/sushi">
  <soapenv:Header/>
  <soapenv:Body>
    <coun:ReportRequest Created="" ID="24a9e5ea-7a30-48e3-9c3b-15163c1c7da3">
      <sus:Requestor>
        <sus:ID>RequestorID</sus:ID>
        <sus:Name>Thomson-Reuters</sus:Name>
        <sus:Email>mailbox@thomsonreuters.com</sus:Email>
      </sus:Requestor>
      <sus:CustomerReference>
        <sus:ID>CustomerID</sus:ID>
        <!--Optional:-->
        <sus:Name>Thomson Reuters</sus:Name>
      </sus:CustomerReference>
      <sus:ReportDefinition Name="DB1" Release="3">
        <sus:Filters>
          <sus:UsageDateRange>
            <sus:Begin>2009-01-01</sus:Begin>
            <sus:End>2009-06-30</sus:End>
          </sus:UsageDateRange>
        </sus:Filters>
      </sus:ReportDefinition>
    </coun:ReportRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Notes:

- The Requestor ID should be obtained from Thomson Reuters Web Products Entitlements.
- The Requestor Name and Email should be customized by the client and is used for support/troubleshooting.
- The CustomerReference ID should be obtained from Thomson Reuters Web Products Entitlements.
- The CustomerReference Name should be customized by the client and can be the same as the Requestor Name.

APPENDIX 2

WSDL for Web of Knowledge Usage Reporting Web Service

```
<definitions xmlns:tns="SushiService"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:sc="http://www.niso.org/schemas/sushi/counter"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  name="SushiService"
  targetNamespace="SushiService"
  xmlns="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" />

  <types>
    <xsd:schema>
      <xsd:import schemaLocation="http://sushi.webofknowledge.com/cxf_sushi/cxf-
wsclient-demo/docs/counter_sushi3_0.xsd"
        namespace="http://www.niso.org/schemas/sushi/counter" />
    </xsd:schema>
  </types>

  <message name="GetReportIn">
    <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" />
    <part name="messagePart"
      element="sc:ReportRequest" />
  </message>

  <message name="GetReportOut">
    <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" />
    <part name="messagePart"
      element="sc:ReportResponse" />
  </message>

  <portType name="SushiServiceInterface">
    <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" />

    <operation name="GetReport">
      <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" />
      <input message="tns:GetReportIn" />
      <output message="tns:GetReportOut" />
    </operation>
  </portType>
</definitions>
```

```

</portType>

<binding name="SushiService"
  type="tns:SushiServiceInterface">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http"/>
  <operation name="GetReport">
    <soap:operation soapAction="SushiService:GetReportIn"
      style="document"/>
    <input>
      <soap:body use="literal"/>
    </input>
    <output>
      <soap:body use="literal"/>
    </output>
  </operation>
</binding>

<binding name="SushiServiceSoap12"
  type="tns:SushiServiceInterface">
  <soap12:binding transport="http://schemas.xmlsoap.org/soap/http"/>
  <operation name="GetReport">
    <soap12:operation soapAction="SushiService:GetReportIn"
      style="document"/>
    <input>
      <soap12:body use="literal"/>
    </input>
    <output>
      <soap12:body use="literal"/>
    </output>
  </operation>
</binding>

<service name="SushiService">
  <port name="SushiServicePort"
    binding="tns:SushiService">
    <soap:address location="http://sushi.webofknowledge.com:9090"/>
  </port>
</service>

</definitions>

```