# Web Services by Dun & Bradstreet

## Changelog

|  |  |  |  |
| --- | --- | --- | --- |
| **Doc. version** | **Date** | **Author** | **Change** |
| 2.0.0 | 02.04.2019 | Ottar Fornes / Hashmat Khan | Added debt information for individuals. Debt information can now be delivered from Norsk Gjeldsinformasjon AS (v/Finans Norge) or Gjeldsregisteret AS (v/Evry) |
| 2.0.1 | 21.05.2019 | Ottar Fornes | Added info about message if no debt info found for ssn in hentpersoninfo. |
| 2.0.2 | 22.05.2019 | Hashmat Khan | Added field RegistrertDato to OkonomiSammendragForetak and OkonomiDetaljerForetak when inquiring for financial details |
| 2.0.3 | 29.05.2019 | Hashmat Khan | Added field InOwnPortfolio to debt info from Nogi |
| 2.0.4 | 26.07.2019 | Hashmat Khan | Field <Referanse> in <BrukerAutorisasjon> is now mandatory when requesting debt information from Nogi or Gras |
| 2.0.5 | 13.09.2019 | Ottar Fornes | Added the field BetydeligEndring på hentpersonInfo |
| 2.0.6 | 24.11.2019 | Hashmat Khan | New message code (606) added when requesting debt info from Nogi and incomplete debt overview is detected in the response |
| 2.0.7 | 16.12.2019 | Hashmat Khan | New field <Revisor> added to element <Grunnfakta> when quering company information |
| 2.0.8 | 31.01.2020 | Ottar Fornes | Changed the description for the field BetydeligEndring på hentpersonInfo. |
| 2.0.9 | 13.03.2020 | Hashmat Khan | Added field <Kommunenr> to elements PersonSok-->Personalia, HentPerson->NavnAdresse, ForetakSok->ForetakData and HentForetak-NavnAdresse |
| 2.0.10 | 30.03.2020 | Ottar Fornes | Fjernet disponibel inntekt funksjon fra Hentpersoninfo. |
| 2.0.11 | 23.06.20 | Hashmat Khan | Added field InOwnPortfolio to debt info from Gjeldsregisteret AS (GRAS) |
| 2.0.12 | 30.09.20 | Hashmat Khan | Now possible to request ufrivillige heftelser when using HentEiendomOffnr. New input parameter <UfrivilligHeftelse> added for this |
| 2.0.13 | 03.11.20 | Ottar Fornes/Hashmat Khan | Added info for vergemål/guardianship for the relationship query |
| 2.0.14 | 11.11.20 | Hashmat Khan | New fields UtloptPant, Uraadighet and Rettsendring added to Totalpant. Totalpant is requested throughoperations HentEiendomBorett, HentEiendomEiendom and HentEiendomOffnr |
| 2.0.15 | 12.10.22 | Øystein FH | Credit legislation; no longer possible to monitor company of type ENK |
| 2.0.16 | 28.03.23 | Øystein FH | Rebranding; renamed Bisnode references  |
| 2.0.17 | 28.06.23 | Elias RE | New complex type RevisorData replaces old Revisor in Grunnfakta |
| 20.18 | 18.10.23 | Hashmat K. | Added fields Tjenesteomraade, Statsborgerskap and Kjonn to Verge. |
| 20.19 | 08.11.23 | Shahzad K | Removed field AjourDato from Losore. |
| 20.20 | 08.11.23 | Hashmat K. | New field RettsligHandleevne added to element Personalia and PersonDetaljerDSF |

## Introduction

This document describes the Web Services provided by Dun & Bradstreet. Here you can find out what information you can retrieve from our databases and what the requirements are for access to such information. You can also find a description of the data.

This document is v2-1-X of the service.

## *Overall outline of the solution:*



# Table of Contents

[Web Services by Dun & Bradstreet 1](#_Toc48664333)

[Changelog 1](#_Toc48664334)

[Introduction 1](#_Toc48664335)

[*Overall outline of the solution:* 1](#_Toc48664336)

[Table of Contents 3](#_Toc48664337)

[About the service 6](#_Toc48664338)

[Implementation of Web Services 6](#_Toc48664339)

[About the technology 6](#_Toc48664340)

[What are Web Services? 6](#_Toc48664341)

[Web Services Description Language (WSDL) 7](#_Toc48664342)

[Simple Object Access Protocol (SOAP) 7](#_Toc48664343)

[User authentication 8](#_Toc48664344)

[Electronic copy 8](#_Toc48664345)

[Message from the service 8](#_Toc48664346)

[Test persons in our test environment 9](#_Toc48664347)

[Company queries 10](#_Toc48664348)

[ForetakSok 10](#_Toc48664349)

[ForetakData 10](#_Toc48664350)

[Retrieve company information 11](#_Toc48664351)

[HentForetakinfo 11](#_Toc48664352)

[Identifikasjon 12](#_Toc48664353)

[NavnAdresse 12](#_Toc48664354)

[BetaSammendrag 12](#_Toc48664355)

[BetaDetaljer 13](#_Toc48664356)

[Scoring 13](#_Toc48664357)

[ArsaksData 13](#_Toc48664358)

[Scorevariabel 14](#_Toc48664359)

[Rating 14](#_Toc48664360)

[HistRating 14](#_Toc48664361)

[Juridisk 14](#_Toc48664362)

[Verv 15](#_Toc48664363)

[Grunnfakta 15](#_Toc48664364)

[RegnskapsforerData 15](#_Toc48664365)

[BransjeData 16](#_Toc48664366)

[AnsatteData 16](#_Toc48664367)

[Revisor 16](#_Toc48664368)

[Aksjonar 16](#_Toc48664369)

[Datterselskap 16](#_Toc48664370)

[Rettighetshavere 17](#_Toc48664371)

[OkonomiSammendragForetak 17](#_Toc48664372)

[OkonomiSammendragKonsern 17](#_Toc48664373)

[OkonomiDetaljerForetak og OkonomiDetaljerKonsern 18](#_Toc48664374)

[EiendelerForetak og EiendelerKonsern 19](#_Toc48664375)

[GjeldEgenkapitalForetak og GjeldEgenkapitalKonsern 20](#_Toc48664376)

[NokkeltallForetak og NokkeltallKonsern 21](#_Toc48664377)

[NokkeltallBransje 21](#_Toc48664378)

[OkonomiEnk 22](#_Toc48664379)

[Revisoranmerkning 22](#_Toc48664380)

[EiendomNorge 22](#_Toc48664381)

[EiendomNorgeListe 22](#_Toc48664382)

[Losore 23](#_Toc48664383)

[KonsernLink 23](#_Toc48664384)

[AvdelingData 23](#_Toc48664385)

[FullmaktForetak 23](#_Toc48664386)

[FullmaktPerson 24](#_Toc48664387)

[Verv 24](#_Toc48664388)

[Testinfo 25](#_Toc48664389)

[Update of portfolio monitoring 26](#_Toc48664390)

[OppdaterOvervakningPortefolje 26](#_Toc48664391)

[OvervakningObjekt 27](#_Toc48664392)

[Retrieve monitoring changes 27](#_Toc48664393)

[HentOvervakningEndringer 27](#_Toc48664394)

[OvervakningEndringer 27](#_Toc48664395)

[Tilleggsinfo 28](#_Toc48664396)

[Ordering annual reports 29](#_Toc48664397)

[HentArsrapportListe 29](#_Toc48664398)

[ArsrapportData 29](#_Toc48664399)

[HentArsrapport 29](#_Toc48664400)

[ArsrapportStatus 29](#_Toc48664401)

[Individuals queries 30](#_Toc48664402)

[PersonSok 30](#_Toc48664403)

[Personalia 30](#_Toc48664404)

[Retrieve personal information 32](#_Toc48664405)

[HentPerson 32](#_Toc48664406)

[Identification 32](#_Toc48664407)

[NavnAdresse 32](#_Toc48664408)

[NaringsInteresser 33](#_Toc48664409)

[BetaSammendrag 33](#_Toc48664410)

[BetaDetaljer 34](#_Toc48664411)

[Ligning 34](#_Toc48664412)

[EiendomNorge 35](#_Toc48664413)

[Owner of property in Norway 35](#_Toc48664414)

[EiendomListe 35](#_Toc48664415)

[TidligereNavnAdresse 35](#_Toc48664416)

[Scoring 35](#_Toc48664417)

[ArsaksData 36](#_Toc48664418)

[Scorevariabel 36](#_Toc48664419)

[Delomrader 36](#_Toc48664420)

[Losore 36](#_Toc48664421)

[FullmaktForetak 37](#_Toc48664422)

[FullmaktPerson 37](#_Toc48664423)

[Verv 37](#_Toc48664424)

[EierEiendomScore 38](#_Toc48664425)

[EierBorettScore 38](#_Toc48664426)

[Testinfo 38](#_Toc48664427)

[Oppslagstidspunkt 38](#_Toc48664428)

[DebtInfoNogi (request element) 38](#_Toc48664429)

[DebtInfoNogi (response element) 38](#_Toc48664430)

[DebtInfoGras (request element) 40](#_Toc48664431)

[DebtInfoGras (response element) 40](#_Toc48664432)

[Individuals relation query DSF 41](#_Toc48664433)

[PersonSokDSFRelasjoner 41](#_Toc48664434)

[PersonSokDSFRelasjonerResponse 42](#_Toc48664435)

[PersonDetaljerDSF 42](#_Toc48664436)

[DSFRelasjon 43](#_Toc48664437)

[Vergemaal 43](#_Toc48664438)

[Verge 43](#_Toc48664439)

[Retrieve car liens 44](#_Toc48664440)

[HentHeftelserBil 44](#_Toc48664441)

[HeftelserBil 44](#_Toc48664442)

[Property queries 45](#_Toc48664443)

[EiendomOversikt 45](#_Toc48664444)

[EiendomAdresseSok 45](#_Toc48664445)

[EiendomBorettOversikt 45](#_Toc48664446)

[EiendomDetaljer 45](#_Toc48664447)

[EiendomBorettAndelInfo 46](#_Toc48664448)

[Retrieve property information 47](#_Toc48664449)

[HentEiendomInfo 47](#_Toc48664450)

[HentEiendomBorettInfo 47](#_Toc48664451)

[EiendomRapportDetaljer 47](#_Toc48664452)

[Rules based on format values 48](#_Toc48664453)

[Example – Grunndata query as a report 48](#_Toc48664454)

[Example – Grunndata returned from Dun & Bradstreet 48](#_Toc48664455)

[Retrieve extended property information 49](#_Toc48664456)

[HentEiendomEiendom 49](#_Toc48664457)

[HentEiendomBorett 49](#_Toc48664458)

[HentEiendomOffnr 49](#_Toc48664459)

[Totalpant 49](#_Toc48664460)

[Roles and networks 50](#_Toc48664461)

[Query individuals within the network 50](#_Toc48664462)

[PersonSokNettverk 50](#_Toc48664463)

[Personalia 50](#_Toc48664464)

[Retrieve network by individuals 50](#_Toc48664465)

[HentNettverk 50](#_Toc48664466)

[HentNettverkResponse 51](#_Toc48664467)

[NettverksData 51](#_Toc48664468)

[Verv 51](#_Toc48664469)

[Retrieve company roles 51](#_Toc48664470)

[HentRoller 51](#_Toc48664471)

[HentRollerResponse 51](#_Toc48664472)

[NavnAdresse 52](#_Toc48664473)

[Joint services 52](#_Toc48664474)

[HentScoreModell 52](#_Toc48664475)

[ScoreModellPerson 52](#_Toc48664476)

[ScoreInputPerson 52](#_Toc48664477)

[ScoreModellForetak 52](#_Toc48664478)

[ScoreInputForetak 53](#_Toc48664479)

# About the service

The service is available to users with a valid contract with Dun & Bradstreet, and we will assume that users have read and accepted the conditions for retrieving credit information from our databases.

When access to a particular service is set up, we will usually have to test the user’s application. For this purpose, Dun & Bradstreet has a test version which contains data and access customised for the testing. The difference between the test and production is that the test has the additional word ‘test’ in the URL address, which indicates that the service is on a test server and that it is linked to our test database.

You can only get access to the necessary WSDLs by contacting Dun & Bradstreet’s customer relations or technical staff.

## Implementation of Web Services

There are many ways to implement Web Services. The following are the technologies/standards we have used:

* We support the SOAP 1.1 recommendation from W3C
* Our services are described with WSDL (Web Services Description Language)
* Our services are SOAP Document based.
* We us HTTPS as a protocol for queries and replies for safe and encrypted communications.

# About the technology

## What are Web Services?

In brief, Web Services are the technology which makes it possible to transfer data between two or more systems via the internet. All communication takes place via the internet and uses one type of messaging which most programming tools are compatible with. These messages are called SOAP messages, and the abbreviation stands for SIMPLE OBJECT ACCESS PROTOCOL. In this case, SOAP is a pattern which defines how data is sent from one machine to another. In addition, we use WSDL to describe how our Web Services should be used.

Example:

XML : call

SOAP : rules for how the call should take place

WSDL : description of what the call is about, and the rules for setting up the call

The communication between client and server is based on queries and replies, with data which can be read on many different platforms. This is not software which is visible in the browser, as you may have seen in internet applications to date. In addition, data setup can be defined using a message header and a form which makes it easier for other software to understand how messages are sent.



## Web Services Description Language (WSDL)

WSDL is an XML-based language which tells us about Web Services and how they work. A typical WSDL document can consist of the following parts:

Definitions and namespaces to be used in communication, for example of objects and their setup defined by the form.

A client retrieves such a WSDL file before interaction with the service starts. Once data is retrieved, a message is sent to the server, to the address specified in the WSDL file.

## Simple Object Access Protocol (SOAP)

The main body of SOAP is sent in messages in the same way as HTML pages, and its content is much the same as that in the message header. Therefore, the communication taking place through a firewall is more or less the same, which very much simplifies any security issues. Data is sent as an XML in an envelope and a main body. In addition, you may have to use an XML form which explains how data should be set up before it is sent to an operation on a server. This form typically functions as a template for how, for instance, an object should be set up before it is posted to the server.

# User authentication

Dun & Bradstreet is required to always have evidence of the identity of any individual who retrieves information from our databases. It is therefore vital that we are able to authenticate the end-user at all times.

The reference field is optional. This information is retrieved with each query, in order to enable us to process the query subsequently in line with the user’s request. The reference field also enables us to group items during billing. It will also be shown in any copies of correspondence, where used, and in our billing. Please note, however, that this function is not active by default.

**User authentication**

The following information is required in all queries and is stored in the SOAP header.

|  |  |
| --- | --- |
| **Item** | **Description** |
| BrukerID | UserID provided by Dun & Bradstreet |
| Passord | Password provided by Dun & Bradstreet |
| SluttBruker | Customer’s end-user |
| Referanse | References accompanying a query, optional.  |
| ProduserElektroniskGjenpart | Flags which control electronic copies. These may be ‘Customer’ or ‘Standard’. If you select ‘Standard’, you also have to submit ‘ProduserElektroniskGjenpartData’.**NB: Electronic copies are only available subject to a separate agreement.** |
| Versjon | Version number – the valid values ​​here will be indicated in Dun & Bradstreet’s final WSDL document |

# Electronic copy

**ProduserElektroniskGjenpartData**

The following information is required in the SOAP header if you want a copy to be created electronically by means of the standard solution.

|  |  |
| --- | --- |
| Item | Description |
| Mobilnr | The mobile phone number of the individual concerned. Must be provided in connection with the credit process, with correct information for the individual concerned. |
| Epost | The email address of the individual concerned. |

# Message from the service

Messages will always be sent when you query or retrieve information from various services. They provide specific information about the query and whether information elements have been found.

|  |  |
| --- | --- |
| Item | Description |
| MeldingsKode | Message code, which you can use when contacting Dun & Bradstreet.  |
| MeldingsTekst | Full text of the message.  |
| MeldingsLevel | Only individuals v2.1.2 or above. (warn, info etc) Only companies v2.2.8 or above. (warn, info etc) |

# Test persons in our test environment

When using our test system and doing individuals queries, you should only use the test persons that exist in the DSF (Det Sentrale Folkeregister) test system. Dun & Bradstreet has an excel file with all these persons, [Testdata DSF including Bisnode.xlsx](https://bisnodecloud.sharepoint.com/%3Ax%3A/r/sites/DevNO-DSF/Shared%20Documents/General/Testdata%20DSF%20inkludert%20Bisnode.xlsx?d=w8f7308c80a6d4c5095fc9c167cb8f67d&csf=1&e=HI64ta) (Ark1). If you use another person, then you will not get to test the whole process which includes integration to DSF. In the excel file, persons with info in the column “Navn Bisnode” also exist in the Dun & Bradstreet test database. If you do a PersonSok query for a person from the excel sheet that is not in the Dun & Bradstreet database, then that person will be inserted into the Dun & Bradstreet database. Persons who are inserted, will be deleted from the test database each night. This is done in order to synchronise the database with the excel sheet.

# Company queries

When trying to identify a company, you can submit information that will enable you to find a company based on information other than the organisation number or the DUNS number. Possible queriable information is provided below.

## ForetakSok

Used for company queries:

|  |  |
| --- | --- |
| Item | Description |
| Dunsnr | DUNS number |
| Orgnr | Organisation number |
| Navn | Company name (phonetic query, historical, market name) |
| Adresse | Street address |
| Postnr | Post code |
| Poststed | Town/City |
| Telefon | Telephone number |

## ForetakData

A company query will generate a list of 0 - 50 companies.

|  |  |
| --- | --- |
| Item | Description |
| Dunsnr | DUNS number |
| Orgnr | Organisation number |
| Navn | Legal name |
| KodeType | Company status code: liquidated (L), bankrupt (K), inactive (I) |
| KodeTekst | Full text of the code |
| Selskapsform | Company type (ENK, AS etc). |
| Adresse | Street address |
| Postnr | Post code |
| Poststed | Town/City |
| PostAdresse | Postal address |
| PostPostnr | Postal code for the postal address |
| PostPoststed | Town/City for the postal address |
| JurAdresse | Legal address |
| JurPostnr | Postal code for the legal address |
| JurPoststed | Town/City for the legal address |
| Kommunenr | Local municipal code |
| Telefon | Landline registered on the company |
| SisteRegnskapsAr | Last fiscal year |
| SisteRegnskapsMnd | Last fiscal month |
| BransjeData | BransjeData (industry data) |
| SektorKode | Sector code |
| SektorTekst | Sector text |
| EtablertDato | Establishment date |
| GjenpartsIndikator | Indicates whether retrieving information on a company can produce a copy |

# Retrieve company information

To obtain information about a company, please provide the company’s identification details and select the information you require. Due to the new credit legislation, a sole proprietorship (ENK) is now also considered a physical person. Please note that retrieval of reports on the company type ENK will trigger a Letter of Notice. No rating is available for company type ENK.

## HentForetakinfo

The following information is used for retrieving company data:

|  |  |
| --- | --- |
| Item | Description |
| Dunsnr | DUNS number |
| Orgnr | Organisation number |
| NavnAdresse | NavnAdresse |
| Rapport | The valid values are *Rating*, *Kompakt*, *Total* or *Avdeling*.***Rating*** returns NavnAdresse, Rating and HistRating.***Kompakt*** returns *Rating* with Juridisk, Verv, Grunnfakta, Aksjonar, Datterselskap, BetaSammendrag, BetaDetaljer, OkonomiSammendrag, or Ligning (Sole trader/ENK).***Total*** returns OkonomiDetaljer in addition to the elements returned from *Kompakt*. *Total* reports are not provided for companies without annual accounts. A *Kompakt* report will then be provided instead.***Avdeling*** (department) returns AvdelingsData with simple data about the department. NB: *Avdeling* is only available for companies which have/are legal departments.  |
| Scoremodell | Enter the score model to return a company score |
| EgenData | EgenData (own data) which is linked to Score model, 0-N |
| JuridiskVerv | Returns Juridisk (legal) and Verv (roles/posts) |
| Grunnfakta | Returns Grunnfakta (basic facts) |
| AksjonarDatter | Returns Aksjonar (shareholders) and Datterselskap (subsidiaries) |
| ReelleRettighetshavere | Returns the Beneficial owners list. Information about individuals who actually control the company. |
| Beta | Returns information about payment remarks – BetaDetaljer and BetaSammendrag. The valid values are *Detaljer*, *Sammendrag*, *DetaljerSammendrag*.  |
| OkonomiDetaljer | Indicate the number of fiscal years you would like returned (temporarily limited to last 3 years). The valid values are *1*, *2* or *3*. If you are querying for a sole trader (ENK), OkonomiEnk on the holder is returned. |
| Konsernlink | Returns KonsernLink (group link). The valid values are *1* for the whole group, or *2* for the top management of the company queried.  |
| Losore | Returns Losore (movables) |
| Eiendom | The valid values are *EiendomNorge* og *EiendomNorgeListe*. The first one returns EiendomNorge (yes or no whether the property has been registered). The other returns EiendomListeNorge with a list of all properties registered in Norway.  |
| Fullmakt | Returns FullmaktForetak |
| Testinfo | If this is set to true, the service returns Testinfo |

A reply to a query will include the following information, if it is selected and if it exists. Where such information does not exist, e.g. payment comments, the message will return information to that effect. The identification will always be returned.

 n

## Identifikasjon

This identification information will be returned with every query.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| Dunsnr | DUNS number |

## NavnAdresse

A company’s name and address information.

|  |  |
| --- | --- |
| Item | Description |
| KodeType | Company status code: *L* (liquidated), *K* (bankrupt), *I* (inactive) |
| KodeTekst | Full text of the code |
| Navn | Legal name |
| Markedsnavn | Marketing name |
| HistoriskNavnData | List with historical names |
| GateAdresse | Street address |
| GatePostBoks | PO box for the street address |
| GatePostnr | Postal code for the street address |
| GatePoststed | Town/City for the street address |
| PostAdresse | Postal address |
| PostPostboks | Post box for the postal address |
| PostPosthus | Post office |
| PostPostnr | Postal code for the postal address |
| PostPoststed | Town/City for the postal address |
| JurAdresse | Legal address  |
| JurPostnr | Postal code for the legal address |
| JurPoststed | Town/City for the legal address |
| Kommunenr | Local municipal code |
| Telefon | Landline registered on the company |
| Telefax | Telefax registered on the company |
| Webadresse | Web address for the company |
| Epost | Main e-mail account registered for the company |

## BetaSammendrag

Payment history, summary.

|  |  |
| --- | --- |
| Item | Description |
| AntallInkasso | Number of debt collection cases |
| AjourDatoInkasso | Date of last update for debt collection cases |
| AntallPanterLosore | Number of mortgages in the Register of Mortgaged Movable Property |
| AjourDatoLosore | Date of last update for movables |
| AntallPanterEiendom | Number of compulsory mortgages in the Property Register |
| AjourDatoEiendom | Date of last update for property |

## BetaDetaljer

Details for payment remarks.

|  |  |
| --- | --- |
| Item | Description |
| RegistrertDato | Date when payment remark was registered  |
| BetaGruppeKode | Payment remark group code – enables us to distinguish between negative payment remark and compulsory mortgages.  |
| BetaGruppeTekst | Full text of the payment remark group |
| BetaType | Payment remark code |
| BetaTekst | Payment remark text |
| BetaBelop | Payment remark amount |
| KildeKode | Source code |
| KildeTekst | Source text |
| KildeReferansenr | Source reference number for the LØSØ source code |
| StatusAnmerkning | Payment remark status. *Helt oppgjort*/*Delvis oppgjort*/*Blank* (completely resolved/partially resolved/blank)  |
| StatusDato | Date of full or partial payment |
| Kreditor | Creditor |

## Scoring

Recommended decision – Total score.

|  |  |
| --- | --- |
| Item | Description |
| Beslutning | Recommended decision |
| ArsaksData | Causal data  |
| Score | Credit score |
| GrenseAvslag | Rejection limit, cut-off lower limit |
| GrenseGodkjent | Approval limit, cut-off upper limit |
| Scorevariabel | Score variable for the scoring object |
| Raascore | Raw score |
| Risikoklasse | Risk class |
| PD | PD |
| Undermodell | Sub-model |
| Limit | Limit |

## ArsaksData

Causal data for scoring.

|  |  |
| --- | --- |
| Item | Description |
| ArsaksKode | Causal code |
| ArsaksTekst | Full causal text  |

## Scorevariabel

Variables derived from the scoring engine, e.g. sub-variables for the scorecard.

|  |  |
| --- | --- |
| Item | Description |
| Navn | Name of the variable |
| Verdi | Value of the variable |
| Scorepoeng | Any score points the variable derives from |

## Rating

A company’s rating.

|  |  |
| --- | --- |
| Item | Description |
| Rating | Dun & Bradstreet Rating  |
| RatingBeskrivelse | Description of the rating |
| Limit | Credit limit (NOK 000s) |
| AktuellHendelse | Current event, such as a merger, resignation of auditor etc. |
| DelbGrunnfakta | Sub-rating Basic facts |
| DelbEierJuridisk | Sub-rating Owner/Legal |
| DelbOkonomi | Sub-rating Finances |
| DelbBetalingserfaring | Sub-rating Payment history. A company score of “insolvent” does not indicate that the company necessarily is in effect legally insolvent, but it should be interpreted as having very weak payment ability. |

## HistRating

A company’s rating history

|  |  |
| --- | --- |
| Item | Description |
| EndrAr | Year of rating change  |
| EndrMnd | Month of rating change |
| Rating | Dun & Bradstreet Rating (use RetrieveCodes for values) |
| Limit | Credit limit (NOK 000s) |
| AktuellHendelse | Current event, such as a merger, resignation of auditor etc. |
| RegnAr | Current fiscal year, tax assessment will be shown for sole traders |

## Juridisk

Returns information about legal matters.

|  |  |
| --- | --- |
| Item | Description |
| ProkuraKode | Code for the procuration text |
| ProkuraTekst | Procuration text |
| SignaturKode | Code for the signature text |
| SignaturTekst | Signature text |
| EierStrukturKode | Code for the ownership structure |
| EierStrukturTekst | Ownership structure text |

## Verv

Roles/Posts associated with a company. General manager, chair of the board etc.

|  |  |
| --- | --- |
| Item | Description |
| InternRef | Internal reference, available if you’re querying for other information about an individual |
| FodtDato | Individual’s birth date |
| Navn | Individual’s name (Last name - First name - Middle name) |
| Adresse | Individual’s address  |
| Postnr | Post code |
| Poststed | Town/City |
| VervKode | Role/Post code |
| VervTekst | Role/Post text |

## Grunnfakta

Basic information about the company.

|  |  |
| --- | --- |
| Item | Description |
| SelskFormKode | Legal form code |
| SelskFormTekst | Legal form text |
| EtablertAr | Year of establishment |
| StiftetDato | Date of incorporation |
| Aksjekapital | Company’s share capital |
| AksjekapitalStatus | Status of share capital payment |
| RegistrertSted | Place of the company’s official registration |
| RegistrertDato | Date of registration |
| BankRegnr | Registration number of the associated bank |
| BankNavn | Name of associated bank |
| SektorKode | Sector code |
| SektorTekst | Sector text |
| Formaal | Purpose |
| RegnskapsforerData | [0-N] RegnskapsforerData (accounting firm) |
| RevisorData | [0-N] RevisorData (Auditor) |
| BransjeData | 1-2 BransjeData (industry data) |
| AnsatteData | 0-3 AnsatteData (employee data) |
| RegistrertMVA | Whether or not the company is registered in the VAT Register for companies |

## RegnskapsforerData

Details about a company’s accounting firm.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsforerOrgnr | Organisation number of the accounting firm  |
| RegnskapsforerInternref | Internal reference of the accountant (if a person) |
| RegnskapsforerNavn | Legal name of the accounting firm |

## RevisorData

Details about a company’s accounting firm.

|  |  |
| --- | --- |
| Item | Description |
| RevisorOrgnr | Auditor’s organisation number |
| RevisorInternref | Internal reference of the auditor (if a person) |
| RevisorNavn | Auditor’s name |

## BransjeData

Details about a company’s industry.

|  |  |
| --- | --- |
| Item | Description |
| BransjeKode | Industry code |
| BransjeTekst | Industry text |

## AnsatteData

Details about the number of employees

|  |  |
| --- | --- |
| Item | Description |
| AnsatteAr | Current year |
| AnsatteAntall | Current number of employees |

## Aksjonar

Shareholders associated with the company. Companies or individuals can be shareholders.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| InternRef | Internal reference, available if you’re querying about other information about the individual |
| FodtDato | Individual’s birth date |
| Navn | Individual’s name (Last name - First name - Middle name) or company’s name |
| Postnr | Post code |
| Poststed | Town/City |
| Eierandel | Shareholders’ shares |

## Datterselskap

A company’s subsidiary. A subsidiary is any company where more than 50% of its capital is owned by another company.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Subsidiary’s organisation number |
| KodeType | Company status code: *L* (liquidated), *K* (bankrupt), *I* (inactive) |
| KodeTekst | Full text of the code |
| Navn | Subsidiary’s name |
| Postnr | Post code |
| Poststed | Town/City |
| Eierandel | Shareholders’ shares |

## Rettighetshavere

Rights holders are individuals who, directly or indirectly, own more than 25% of the company.

|  |  |
| --- | --- |
| Item | Description |
| InternRef | Internal reference, available if you’re querying about other information about the individual |
| FodtDato | Individual’s birth date |
| Navn | Individual’s name (Last name - First name - Middle name) |
| Adresse | Address |
| Postnr | Post code |
| Poststed | Town/City |
| Andel | Actual share |
| IndirekteEier | Indirect owner, despite holding less than 25% of the capital, by virtue of owning a controlling interest in group’s upper ranks.  |
| Landkode | Countrycode. Eks: NO SE UK … (version v2-1-3 or higher) |

## OkonomiSammendragForetak

Summary financial data for the company.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of -year accounts |
| RegnskapsAvMnd | End-of-month accounts  |
| Totalinntekt | Total income (rounded to NOK 000s) |
| ResultatForSkatt | Operating result before taxation (rounded to NOK 000s) |
| ArsResultat | Annual result (rounded to NOK 000s) |
| SumEiendeler | Total assets (rounded to NOK 000s) |
| Overskuddsprosent | Company’s profit margin (incl. 2 decimals) |
| Totalrentabilitet | Company’s return on total assets (incl. 2 decimals) |
| Egenkapitalandel | Company’s equity ratio (incl. 2 decimals) |
| Likviditetsgrad1 | Company’s liquidity ratio 1 (incl. 2 decimals) |
| Likviditetsgrad2 | Company’s liquidity ratio 2 (incl. 2 decimals) |
| OverskuddsprosentBransje | Industry’s profit margin (incl. 2 decimals) |
| TotalrentabilitetBransje | Industry’s return on total assets (incl. 2 decimals) |
| EgenkaptialandelBransje | Industry’s equity ratio (incl. 2 decimals) |
| Likviditetsgrad1Bransje | Industry’s liquidity ratio 1 (incl. 2 decimals) |
| Likviditetsgrad2Bransje | Industry’s liquidity ratio 2 (incl. 2 decimals) |
| HonorarRevisor | Auditor’s remuneration |
| RegistrertDato | Date for registration in Brønnøysund |

## OkonomiSammendragKonsern

Summary financial data for the group.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of-year accounts |
| RegnskapsAvMnd | End-of-month accounts  |
| Totalinntekt | Total income (rounded to NOK 000s).  |
| ResultatForSkatt | Ordinary result before taxation (rounded to NOK 000s). |
| ArsResultat | Annual result (rounded to NOK 000s) |
| SumEiendeler | Total assets (rounded to NOK 000s) |
| Overskuddsprosent | Group’s profit margin (incl. 2 decimals) |
| Totalrentabilitet | Group’s return on total assets (incl. 2 decimals) |
| Egenkaptialandel | Group’s equity ratio (incl. 2 decimals) |
| Likviditetsgrad1 | Group’s liquidity ratio 1 (incl. 2 decimals) |
| Likviditetsgrad2 | Group’s liquidity ratio 2 (incl. 2 decimals) |

## OkonomiDetaljerForetak og OkonomiDetaljerKonsern

This segment will be returned for each financial year, for both the company and the group.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of-year accounts |
| RegnskapsAvMnd | End-of-month accounts  |
| Endringsdato | Date of change |
| Totalinntekt | Total income (rounded to NOK 000s).  |
| Salgsinntekter | Sales income |
| AnnenDriftsinntekt | Other operating income |
| Varekostnad | Commodity costs |
| Lonnskostnad | Wages and salaries |
| Avskrivninger | Depreciation |
| Nedskrivninger | Write-down |
| AnnenDriftskostnad | Other operating expenses |
| DriftsResultat | Operating result |
| InntektInvDatter | Income from investments in subsidiaries |
| InntektInvKonsern | Income from investments in other companies in same group |
| InntektInvAnnen | Income from investments in affiliated companies |
| RenteinntektKonsern | Interest income from companies in same group |
| RenteinntektAnnen | Other interest income |
| FinansinntektAnnen | Other financial income |
| Finansinntekt | Financial income |
| VerdiendringMarFinOmlopsmidler | Change in value of market-based financial assets |
| NedskrivningMarFinOmlopsmidler | Impairment of marketable financial assets |
| NedskrivningFinAnleggsmidler | Impairment of financial fixed assets |
| RentekostnadKonsern | Interest costs for companies in same group. |
| AnnenRentekostnad | Other interest costs |
| AnnenFinanskostnad | Other financial costs |
| Finanskostnad | Financial costs |
| OrdResultatForSkatt | Net income before tax |
| SkattOrdResultat | Tax on net income |
| OrdResultat | Net income |
| EkstraordInntekt | Extraordinary income |
| EkstraordKostnad | Extraordinary costs |
| SkattEkstraordResultat | Tax on extraordinary income |
| SumSkatt | Total tax |
| MinoritetsInteresser | Minority interests |
| ArsResultat | Results of the year |
| Konsernbidrag | Group contributions |
| Utbytte | Dividends |
| TilFondVurdFor | Transferred to revaluation reserve |
| TilAnnenEgenkapital | Transferred to other equity |
| TapKrav | Loss on accounts receivable |
| RegistrertDato | Date for registration in Brønnøysund |

## EiendelerForetak og EiendelerKonsern

This segment will be returned for each financial year, for both the company and the group.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of-year accounts |
| RegnskapsAvMnd | End-of-month accounts |
| SumAnleggsmidler | Fixed assets (total) |
| SumImmatrielleEiendeler | Intangible assets (total) |
| ForskningUtvikling | Research and development |
| Konsesjoner | Concessions, patents and of licenses |
| UtsattSkattefordel | Deferred tax assets |
| Goodwill | Goodwill |
| SumVarigeDriftsmidler | Tangible assets (total) |
| FastEiendom | Land, buildings and other real estate |
| MaskinerAnlegg | Machines and plants |
| SkipRiggFly | Ships, rigs, aircraft etc. |
| DriftsLosore | Fixtures and fittings, tools, etc. |
| SumFinansielleAnleggsmilder | Financial fixed assets (total) |
| InvestDatter | Investment in subsidiaries |
| InvestAnnetKonsern | Investment in other companies in same group |
| Konsernfordring | Loans to companies in same group |
| InvestTilknyttet | Investment in affiliated companies |
| LanTilknyttet | Loans from affiliated companies |
| InvestAksjer | Investments in shares and interests |
| Obligasjoner | Bonds and other receivables |
| Pensjonsmidler | Pension funds |
| AndreAnleggsmidler | Other fixed assets |
| SumOmlopsmidler | Current assets are (total) |
| SumVarer | Goods (total) |
| LagerRavarer | Raw materials in stock |
| LagerUferdigeVarer | Goods in production in stock |
| LagerFerdigeVarer | Finished goods in stock |
| SumFordringer | Receivables (total) |
| FordringerKunder | Trade debtors |
| FordringerAndre | Other receivables |
| FordringerKonsern | Group debtors |
| KravInnbetSelskapskapital | Claims for payment of company capital |
| SumInvesteringer | Investments (total) |
| AksjerKonsern | Shares in companies in same group |
| AksjerMarked | Market-based shares |
| ObligasjonerMarked | Marketable bonds |
| AndreMarkedFinInv | Other market-based financial investments |
| AndreFinInst | Other financial instruments |
| Bankinnskudd | Cash and cash equivalents |
| AndreOmlopsmidler | Other current assets |
| SumEiendeler | Total assets (total) |
| Pantstillelser | Mortgages/assets pledged as security |

## GjeldEgenkapitalForetak og GjeldEgenkapitalKonsern

This segment will be returned for each financial year, for both the company and the group.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of-year accounts |
| RegnskapsAvMnd | End-of-month accounts |
| SumEgenkapital | Equity (total) |
| InnskuttEgenkapital | Contributed equity |
| Selskapskapital | Share capital |
| EgneAksjer | Own shares |
| OpptjentEgenkapital | Retained earnings |
| FondForVurd | Revaluation reserve |
| AnnenEgenkapital | Other equity |
| Minoritetsinteresser | Minority interests |
| SumGjeld | Debt (total)  |
| AvsetningForpliktelser | Provisions for liabilities |
| PensjonForpliktelser | Pension obligations |
| UtsattSkatt | Deferred tax |
| AndreAvsetninger | Other provisions and liabilities |
| SumLangsiktigGjeld | Long-term debt (total) |
| AnnenLangsiktigGjeld | Other liabilities |
| KonvertibleLanLang | Convertible loans |
| ObligasjonsLan | Bond loans |
| GjeldKredittLang | Liabilities to credit institutions (long-term) |
| GjeldKonsernLang | Corporate liabilities (total) |
| AnsvarligLanekapital | Subordinated debt |
| OvrigLangsiktigGjeld | Other long-term debt |
| SumKortsiktigGjeld | Short-term debt (total) |
| KonvertibleLanKort | Convertible loans. |
| SertifikatLan | Certificate loans |
| GjeldKredittKort | Liabilities to credit institutions (short-term) |
| Kassakreditt | Overdraft facilities |
| LeverandorGjeld | Supplier liabilities |
| BetalbarSkatt | Current tax |
| SkyldOffentligAvgift | Unpaid public charges. |
| GjeldKonsernKort | Corporate liabilities (totalling current) |
| Utbytte | Dividends |
| AnnenKortsiktigGjeld | Other current liabilities |
| SumGjeldEgenkapital | Debt and equity capital (total)  |
| Kassekredittlimit | Cash credit Limit |
| SkyldKonsernbidrag | Unpaid contributions |
| AvdragLangsiktigGjeld | Repayments of long-term debt |

## NokkeltallForetak og NokkeltallKonsern

Key financial data. Returned for each financial year, for both the company and the group.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of-year accounts |
| RegnskapsAvMnd | End-of-month accounts |
| Overskuddsprosent | Profit margin |
| Rentedekningsgrad | Interest coverage rate |
| Totalrentabilitet | Return on assets |
| EKRentabilitet | Equity returns |
| LangLagerfinans | Long-term stock financing |
| GjennomsnittLager | Average storage time |
| EgenkapitalAndel | Equity ratio |
| Tapsbuffer | Loss buffer |
| FremmedkapitalKostnad | Foreign cost of capital |
| Likviditetsgrad1 | Liquidity ratio 1 |
| Likviditetsgrad2 | Liquidity ratio 2 |
| LikviderProsentSalg | Liquid capital % of sales |
| Arbeidskapital | Working capital |

## NokkeltallBransje

Key financial ratios for the industry. Returned with ‘Total’ reports.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of year-end accounts |
| RegnskapsAvMnd | Month-end accounts |
| Overskuddsprosent | Profit margin |
| Rentedekningsgrad | Interest coverage rate |
| Totalrentabilitet | Return on assets |
| EKRentabilitet | Equity returns |
| LangLagerfinans | Long-term stock financing |
| GjennomsnittLager | Average storage time |
| EgenkapitalAndel | Equity ratio |
| Tapsbuffer | Loss buffer |
| FremmedkapitalKostnad | Foreign cost of capital |
| Likviditetsgrad1 | Liquidity ratio 1 |
| Likviditetsgrad2 | Liquidity ratio 2 |
| LikviderProsentSalg | Liquid capital % of sales |
| Arbeidskapital | Working capital |

## OkonomiEnk

Tax information for sole traders/sole proprietorships.

|  |  |
| --- | --- |
| Item | Description |
| FodselsdatoEier | Owner’s date of birth |
| SkatteAr | Tax year |
| Formue | Net assets rounded to NOK thousands |
| EndringFormue | Percentage change in assets since the previous tax year |
| Inntekt | Net income rounded to NOK thousands |
| EndringInntekt | Percentage change in income since the previous tax year |
| Skatt | Assessed tax in NOK |
| SkatteKlasse | Tax class |
| SkatteKlasseUtl | Foreign taxpayer code |
| Kommunenr | Local municipal code |
| KommuneNavn | Local municipal name |

## Revisoranmerkning

Details about a company’s accounting firm.

|  |  |
| --- | --- |
| Item | Description |
| RegnskapsAvAr | End-of year-end accounts |
| RegnskapsAvMnd | End-of month accounts |
| AnmerkningsKode | Remark code  |
| AnmerkningsTekst | Remark text |

## EiendomNorge

Returned in response to the query as to whether the company has any property registered in Norway.

|  |  |
| --- | --- |
| Item | Description |
| SvarEiendomNorge | *JA*/*NEI* (yes/no) Whether the company has any property registered in Norway |

## EiendomNorgeListe

|  |  |
| --- | --- |
| Item | Description |
| Kommunenr | Local municipal number |
| KommuneNavn | Local municipal name |
| Gardnr | Cadastral number |
| Bruksnr | Title number |
| Festenr | Lease number |
| Seksjonsnr | Section number |
| Type | Type |
| Andel | Share |

## Losore

Details from the Register of Mortgaged Movable Property.

|  |  |
| --- | --- |
| Item | Description |
| SpesTekst1 | Specification text 1 |
| SpesTekst2 | Specification text 2 |
| SpesTekst3 | Specification text 3 |

## KonsernLink

Company’s group relations

|  |  |
| --- | --- |
| Item | Description |
| OrgnrOversteMor | Organisation number of the group’s top holding company |
| OrgnNaermesteMor | Organisation number of the company in the tree structure immediately below the top holding company |
| Lopenr | Serial number |
| NivaDeltagende | Level of participating company in relation to the top (0 = ignore the top company) |
| LandkodeDeltagende | Country code of the participating company |
| OrgnrDeltagende | Organisation number of the participating company |
| NavnDeltagende | Company name of the participating company |
| EierandelDeltagende | Shareholding percentage (2 decimal places) |

## AvdelingData

Basic departmental data for companies which are legal departments.

|  |  |
| --- | --- |
| Item | Description |
| AntallAnsatte | Number of employees in the department |
| Telefon | Department phone number |
| Telefax | Department fax number |
| StiftetDato | Date of establishment |
| BransjeKode | Industry code |
| BransjeTekst | Industry text |
| DagligLeder | General manager of the department |
| HovedforetakOrgnr | Main company’s organisation number |
| HovedforetakDunsnr | Main company’s DUNS number |
| HovedforetakNavn | Main company’s name |

## FullmaktForetak

Information from the signature and power of procuration register about the company in question

|  |  |
| --- | --- |
| Item | Description |
| Dunsnr | D-U-N-S number |
| Orgnr | Organization number |
| Navn | Legal name |
| Adresse | Legal address |
| Postnr | Post code |
| Poststed | Town/City  |
| StatusKode | Company status code: *L* (liquidated), *K (*bankrupt), *I* (inactive) |
| StatusTekst | Full text of the code |
| Selskapsform | Company structure (AS, ASA etc). |
| ProkuraKode | Procuration texts are divided into groups which are coded |
| ProkuraTekst | Procuration text  |
| SignaturKode | Signature texts are divided into groups which are coded |
| SignaturTekst | Signature text |
| FullmaktPerson | FullmaktPerson (authorized person) |

## FullmaktPerson

Information from the signature and procuration register about the holder of power of attorney in question

|  |  |
| --- | --- |
| Item | Description |
| Internreferanse | Internal reference, may be used for subsequent queries on people as a unique ID |
| FodtDato | Date of birth |
| Navn | Name of person (Last name - First name - Middle name) |
| Adresse | Street address |
| Postnr | Post code |
| Poststed | Town/City |
| Verv | Verv Roles/positions in the company |
| FullmaktTypeKode | Codified version of FullmaktTypeTekst |
| FullmaktTypeTekst | Signature/power of procuration |
| FullmaktKode | Type of authority, e.g. *FE*, *AL*, *HV* etc  |
| FullmaktTekst | Type of authority, e.g. *Fellesskap*, *Alene*, *Hver for seg* etc. (jointly, alone, separately etc.) |
| Prioritet | Grouping of authorities. Those with the same numbers belong to the same authority. |
| Antall | Number of persons required in the signature, 0 if alone  |
| Obligatorisk | True if the person is required in the authority, e.g. in cases of joint powers of attorney |

## Verv

Roles/Posts for the authorized person. General manager, chairman of the board etc.

|  |  |
| --- | --- |
| Item | Description |
| Internref | Internal reference, may be used for subsequent queries on people as a unique ID |
| FodtDato | Date of birth |
| Navn | Name of person (Last name - First name - Middle name) |
| Fornavn | First name |
| Mellomnavn | Middle name |
| Etternavn | Last name |
| VervKode | Role/Post code, e.g. *1*, *3*, *20* etc. |
| VervTekst | Full text for the role/post, e.g. Chairman of the board, board member, general manager etc.  |
| Landkode | Countrycode. Eks: NO SE UK … (version v2-1-3 or higher) |

## Testinfo

Whether or not the company is a testcompany or actual company.

|  |  |
| --- | --- |
| Item | Description |
| Testcompany | *true/false* |

# Update of portfolio monitoring

This service is used during the selection/deselection of company objects for monitoring. The procedure is the same as for ordinary company information. Firstly, you need to query and identify the actual company via SokForetak unless you already have identification details, such as customer reference, organisation number or DUNS number. Please note that it is no longer permitted to monitor the company type ENK (reg. in Foretaksregisteret or Enhetsregisteret) due to the new credit legislation (where a sole proprietorship is considered a physical person).

## OppdaterOvervakningPortefolje

Used to select/deselect companies for monitoring.

|  |  |
| --- | --- |
| Item | Description |
| RecordType | Record type (*Innmelding*, *Utmelding*, *Liste*, *Endre*).**Check the list below for the requirements for each RecordType** |
| Kunderef | Customer reference  |
| NyKunderef | New value of customer reference |
| Orgnr | Organisation number |
| Dunsnr | DUNS number |
| Kundekode | Customer code, shown as Dun & Bradstreet |
| Avdnr | Department number, shown as Dun & Bradstreet |
| Overvakningstype | Type of monitoring:*Daglig overvakning**Daglig overvakning + SDO Mini**Daglig overvakning + SDO Normal**Daglig overvakning + SDO Spesial**SDO Mini**SDO Normal**SDO Spesial* |

Reply from the Monitoring Service. When selecting/deselecting, only messages indicating the status will be returned. When selecting a list, MonitoringList will be returned as well.

*The list of requirements for each RecordType:*

|  |  |  |
| --- | --- | --- |
| Record type | Requirements | Comments |
| Registration | *Kunderef* (customer ref. – org no. or duns no.)*Avdnr* (dept.no. – if used)*Overvakningstype* (monitoring type) |  |
| Removal | *Kunderef* (customer ref. – org no. or duns no.)*Avdnr* (dept.no. – if used) |  |
| List | *Kunderef* (customer ref. – org no. or duns no.)*Avdnr* (dept.no. – if used) | List of returned objects available for an organisation/DUNS number queried or customer reference in the portfolio.*If both customer ref. And org no. /duns no. Are used, org no./duns no. Will prevail.* |
| Change | *Kunderef* (customer ref. – org no. Or duns no.)*Avdnr* (dept.no. – if used)*NyKunderef* (new customer ref if it should be changed)*Overvakningstype* (if it should be changed) |  |

## OvervakningObjekt

A list for selecting/deselecting companies to be monitored.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| Dunsnr | DUNS number |
| KodeType | Company status code: *L* (liquidated), *K* (bankrupt), *I* (inactive) |
| KodeTekst | Full text of status code |
| Navn | Legal name |
| Adresse | Street address |
| Postnr | Post code |
| Postssted | Town/City |
| Telefon | Phone number |
| Kunderef | Customer reference |
| Avdnr | Department number |
| TypeKode | Type code for monitoring |
| TypeTekst | Full text of monitoring type |

# Retrieve monitoring changes

Used for retrieving a date-based list of changes to the monitoring portfolio.

## HentOvervakningEndringer

Retrieve changes for daily monitoring of company.

|  |  |
| --- | --- |
| Item | Description |
| Avdnr | Department number |
| Dato | Desired date for monitoring day |

## OvervakningEndringer

Daily monitoring, details.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| Kunderef | Customer reference |
| Avdnr | Department number |
| Endringskode | Change code |
| Endringstekst | Change text |
| Tilleggsinfo | Additional information  |

## Tilleggsinfo

Daily monitoring, details.

|  |  |
| --- | --- |
| Item | Description |
| Tilleggstekst | Additional text |

# Ordering annual reports

To order a company’s annual report, please use its organisation number or DUNS number to find the company. The Query and Reply segments are given below.

## HentArsrapportListe

Used to retrieve a list of available annual reports.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| Dunsnr | DUNS number |

## ArsrapportData

The reply will appear in an Annual Report Data object.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| Dunsnr | DUNS number |
| Navn | Name of company |
| Regnskapsar | Contains one or more financial year objects |
| ar | Contains a single year with available financial accounts |

## HentArsrapport

Used to order annual reports for one or more years.

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| Dunsnr | DUNS number |
| Mail | Email address to which the documents should be sent |
| Regnskapsar | Contains one or more financial year objects |
| ar | Contains a single year with available financial accounts |

## ArsrapportStatus

The reply will appear in a AnnualReportStatus object, and the account will be sent by email.

|  |  |
| --- | --- |
| Item | Description |
| Offnr | Organisation number |
| StatusMelding | Contains a reply detailing the course of the order process |

# Individuals queries

To find an individual, you must configure your query criteria so that only one hit is returned. You will receive a message if the individual you have looked up does not exist in our database or if several individuals have been returned. The possible query criteria are given below.

## PersonSok

Used to query for individuals. This query does not generate copies.

|  |  |
| --- | --- |
| Item | Description |
| Fodselsnr | National identity number |
| Fodselsdato | Date of birth (yyyy/mm/dd) |
| Etternavn | The individual’s last name |
| Fornavn | The individual’s first name and any middle name (F-M) |
| Adresse | Street address |
| Postnr | Post code. Full post code not required, you can use the first two digits |
| Telefon | Registered phone number  |

## Personalia

A one-hit query for an individual will return his/her personal details.

|  |  |
| --- | --- |
| Item | Description |
| Internref | Internal reference, can be used as a unique ID in subsequent queries for individuals |
| Kilde | Source for the Name and Address query. Dun & Bradstreet Name Database (*P*), Dun & Bradstreet History Database (*H*) (Only returned when Matchit is used) |
| Status | Status code if individual has left the country (*U*) or is dead (*D*).  |
| StatusDato | Date of status, if any |
| DsfStatusKode | Status code. See DSF-documentation from Evry |
| DsfStatusTekst | Status text. See DSF-documentation from Evry |
| Fodselsdato | Date of birth |
| Navn | Individual’s full name (L F M) |
| Fornavn | First name |
| Mellomnavn | Middle name |
| Etternavn | Last name |
| Adresse | Street address |
| Postnr | Post code |
| Poststed | Town/City |
| Kommune | Local authority |
| Kommunenr | Local municipal code |
| Fylke | County |
| PostAdresse1 | Postal address 1 |
| PostAdresse2 | Postal address 2 |
| PostAdresse3 | Postal address 3 |
| PostAdresseLandkode | Postal address and land code |
| PostAdresseLandtekst | Postal address and land text |
| Alder | Age |
| Kjonn | Sex *KVINNE*/*MANN* (female/male) |
| Vergemaal | Table: Vergemaal |
| RettsligHandleevne | Table: RettsligHandleevne |

## Error messages

|  |  |  |
| --- | --- | --- |
| Message code | Message text | Message type |
| 262 | Feil er rapportert fra Folkeregisteret (Teknisk feil). | error |
| 282 | Fant ikke personen i folkeregisteret. | error |
| 501 | Ingen objekter funnet. | info |

# Retrieve personal information

You can retrieve information about an individual by entering his/her identification (the internal reference from the individual’s query) and selecting the information you want returned.

## HentPerson

The following information is used for retrieving company data.

|  |  |
| --- | --- |
| Item | Description |
| Internref | Internal reference |
| NavnAdresse | Returns NavnAdresse |
| Scoremodell | Indicate the score model for returning personal score |
| EgenData | Own data which is linked to the score model, 0-N  |
| NaringsInteresser | Returns NaringsInteresser (business interests) |
| Ligning | The valid values are *Ligning*, *LigningGjeldsgrad*, *LigningBrutto* and *LigningBruttoGjeldsgrad* – returns Ligning |
| Beta | Returns information about payment remarks – BetaDetaljer and BetaSammendrag. The valid values are *Detaljer* (details), *Sammendrag* (summary)and *DetaljerSammendrag* (both). |
| TidligereNavnAdresse | Returns TidligereNavnAdresse |
| Eiendom | Returns information about Eiendom. EiendomNorge and EiendomListe. The valid values are *EiendomNorge* and *EiendomListe* and *EiendomNorgeListe* |
| Losore | Returns Losore (movables) |
| Fullmakt | Returns 0...N FullmaktForetak |
| EierEiendomScore | Returns EierEiendomScore |
| EierBorettScore | Returns EierBorettScore |
| Testinfo | If this is set to true, the service returns Testinfo |
| DebtInfoNogi | Returns debt information from Norsk Gjeldsinformasjon AS (NOGI / Finans Norge  |
| DebtInfoGras | Returns debt information from Gjeldsregisteret AS (GRAS) / Evry |

A reply to a query will include the following information, if it is selected and if it exists. Where such information does not exist, e.g. payment remarks, the message will return information to that effect. The identification will always be returned.

## Error messages from FREG

|  |  |  |
| --- | --- | --- |
| Message code | Message text | Message type |
| 262 | Feil er rapportert fra Folkeregisteret (Teknisk feil). | error |
| 282 | Fant ikke personen i folkeregisteret. | error |
| 501 | Ingen objekter funnet. | info |

## Identification

Will always be returned:

|  |  |
| --- | --- |
| Item | Description |
| Internref | Internal reference |

## NavnAdresse

Name and address.

|  |  |
| --- | --- |
| Item | Description |
| Status | **THIS FIELD IS DEPRICATED. Use field DsfStatusKode instead.** Possible integer values: 0 (Bosatt), 1 (Død), 2 (Utvandret), 3 (Utgått fødselsnr), 4 (Forsvunnet /Inaktivt Dnr), 7 (Fødselsregistrert), 8 (Annullert tilgang) og 9 (Uregistrert) |
| StatusDato | Date of status, if any |
| DsfStatusKode | Status code. See DSF-documentation from Evry |
| DsfStatusTekst | Status text. See DSF-documentation from Evry |
| Fodselsdato | Date of birth |
| Navn | Name of the individual (L F M) |
| Fornavn | First name |
| Mellomnavn | Middle name |
| Etternavn | Last name |
| Adresse | Street address |
| AdresseCo | CO Address |
| Postnr | Post code |
| Poststed | Town/City |
| Kommune | Local municipal |
| Kommunenr | Local municipal code |
| Fylke | County |
| PostAdresse1 | Postal address 1 |
| PostAdresse2 | Postal address 2 |
| PostAdresse3 | Postal address 3 |
| PostAdresseLandkode | Postal address land code |
| PostAdresseLandtekst | Postal address land text |
| Alder | Age |
| Kjonn | Sex *KVINNE*/*MANN* (female/male) |
| Telefon | Phone number associated with the person |

## NaringsInteresser

Business interests

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Company’s organisation number |
| StatusKode | Company’s status code |
| StatusTekst | *Likvidert* (liquidated), *Konkurs* (bankrupt) and date  |
| StatusDato | Registration date of status code |
| Navn | Company’s name |
| SelskForm | Form of business |
| Rolle | Partnership/Owner |
| Eierandel | Shareholder share |
| VervKode | Role/Post in the company code, if partnership |
| VervTekst | Role/Post full text of the code |

## BetaSammendrag

Payment history, summary.

|  |  |
| --- | --- |
| Item | Description |
| AntallInkasso | Number of debt collection cases |
| AjourDatoInkasso | Date of last update |
| AntallPanterLosore | Number of mortgages in the Register of Mortgaged Movable Property. |
| AjourDatoLosore | Date of last update |
| AntallPanterEiendom | Number of mortgages in the Property Register |
| AjourDatoEiendom | Date of last update |

## BetaDetaljer

Payment remark details

|  |  |
| --- | --- |
| Item | Description |
| RegistrertDato | Date when remark was registered  |
| BetaGruppeKode | Payment remark group code – enables us to distinguish between negative remarks and compulsory mortgages |
| BetaGruppeTekst | Full text of the payment remark group |
| BetaType | Payment remark code |
| BetaTekst | Payment remark text |
| BetaBelop | Payment remark amount |
| KildeKode | Source code |
| KildeTekst | Source text |
| KildeReferansenr | Source reference number for the LØSØ source code is this “diary“ number/registration number |
| StatusAnmerkning | Payment remark status. *Helt oppgjort*/*Delvis oppgjort*/*Blank* (completely resolved/partially resolved/blank) |
| StatusDato | Date of full or partial payment |
| Kreditor | Creditor |

## Ligning

Tax assessment including liabilities ratio and gross income, if selected.

|  |  |
| --- | --- |
| Item | Description |
| SkatteAr | Tax year |
| Formue | Net assets rounded to NOK thousands |
| EndringFormue | Percentage change in assets since the previous tax year |
| Inntekt | Net income rounded to NOK thousands |
| EndringInntekt | Percentage change in income since the previous tax year |
| Skatt | Assessed tax rounded to NOK thousands |
| SkatteKlasse | Tax class |
| SkatteKlasseUtl | Code for the foreign taxpayer |
| Kommunenr | Local municipal code |
| KommuneNavn | Local municipal name |
| BruttoInntekt | Estimated gross income, if selected. |
| Gjeldsgrad1 | Estimated debt ratio 1 |
| Gjeldsgrad2 | Estimated debt ratio 2 |
| BetydeligEndring | Is set to true if one or both of the following conditions are true:1. The new *net income* is above 200 000 NOK and the difference between the original *net income* and the change in *net income* is 10% or more.
2. The new *net assets/wealth* is above 200 000 NOK and the difference between the original *net assets/wealth* and the change in *net assets/wealth* is 10% or more.
 |

## EiendomNorge

## Owner of property in Norway

|  |  |
| --- | --- |
| Item | Description |
| SvarEiendomNorge | *Ja*/*Nei* (yes or no) |

## EiendomListe

Property in Norway.

|  |  |
| --- | --- |
| Item | Description |
| Kommunenr | Local municipal number |
| KommuneNavn | Local municipal name |
| Gardnr | Cadastral number |
| Bruksnr | Title number |
| Festenr | Lease number |
| Seksjonsnr | Section number |
| Type | Type |
| Andel | Share |

## TidligereNavnAdresse

Previous names and addresses.

|  |  |
| --- | --- |
| Item | Description |
| TidligereNavnAdresse | Previous name/street address |
| EndringsDato | Date of change |
| EndringsType | Type of change, either Name or Address |
| TidligerePostAdresse | Previous post code and town/city |

## Scoring

Recommended decision - Total score.

|  |  |
| --- | --- |
| Item | Description |
| Beslutning | Recommended decision |
| ArsaksData | Causal data for the decision |
| Score | Credit score |
| GrenseAvslag | Rejection limit, cut-off lower limit |
| GrenseGodkjent | Approval limit, cut-off upper limit |
| TilleggsBeslutning | Additional decision |
| TilleggsBeslutningBeskrivelse | Additional decision explanation |
| Scorevariabel | Score variable for the Scoring object |
| Raascore | Raw score |
| Risikoklasse | Risk class |
| PD | PD |
| Undermodell | Sub-model |
| Limit | Limit |

## ArsaksData

Causal data for scoring.

|  |  |
| --- | --- |
| Item | Description |
| ArsaksKode | Causal code |
| ArsaksTekst | Causal code Full text of the code |

## Scorevariabel

Variables derived from the scoring engine, e.g. sub-variables for the scorecard.

|  |  |
| --- | --- |
| Item | Description |
| Navn | Name of the variable |
| Verdi | Value of the variable |
| Scorepoeng | Any points the variable derives from |

## Delomrader

Assessment of sub-areas

|  |  |
| --- | --- |
| Item | Description |
| Delomrade | Sub-area |
| Bedommelse | Assessment of sub-area *Svak*/*Middels*/*Sterk* (weak/average/strong) |

## Losore

Details from the Register of Mortgaged Movable Property (Løsøreregisteret).

|  |  |
| --- | --- |
| Item | Description |
| SpesTekst1 | Specification text 1 |
| SpesTekst2 | Specification text 2 |
| SpesTekst3 | Specification text 3 |

## FullmaktForetak

Information from the signature and procuration register about the company in question

|  |  |
| --- | --- |
| Item | Description |
| Dunsnr | D-U-N-S number |
| Orgnr | Organisation number |
| Navn | Legal name |
| Adresse | Legal address |
| Postnr | Post code |
| Poststed | Town/City  |
| StatusKode | Company status code: liquidated (*L*), bankrupt (*K*), inactive (*I*) |
| StatusTekst | Full text of the code |
| Selskapsform | Company structure (PLC, Ltd etc). |
| ProkuraKode | Procuration texts are divided into groups which are coded |
| ProkuraTekst | Procuration text  |
| SignaturKode | Signature texts are divided into groups which are coded |
| SignaturTekst | Signature text |
| FullmaktPerson | FullmaktPerson |

## FullmaktPerson

Information from the signature and procuration register about the holder of power of attorney in question

|  |  |
| --- | --- |
| Item | Description |
| Internreferanse | Internal reference, may be used for subsequent queries on people as a unique ID |
| FodtDato | Date of birth |
| Navn | Name of person (Last name - First name - Middle name) |
| Adresse | Street address |
| Postnr | Post code |
| Poststed | Town/City |
| Verv | Verv Roles/positions in the company |
| FullmaktTypeKode | Codified version of FullmaktTypeTekst |
| FullmaktTypeTekst | Signature/ procuration |
| FullmaktKode | Type of authority, e.g. *FE*, *AL*, *HV* etc  |
| FullmaktTekst | Type of authority, e.g. *Fellesskap*, *Alene*, *Hver for seg* etc. (jointly, alone, separately etc.) |
| Prioritet | Grouping of authorities. Those with the same numbers belong to the same authority. |
| Antall | Number of persons required in the signature, 0 if alone  |
| Obligatorisk | True if the person is required in the authority, e.g. in cases of joint powers of attorney |

## Verv

Roles/Posts for the authorized person. General manager, chairman of the board etc.

|  |  |
| --- | --- |
| Item | Description |
| VervKode | Role code, e.g. *1*, *3*, *20*, etc |
| VervTekst | Full text for the role, e.g. *Styreformann*, *Styremedlem*, *Daglig Leder* etc (chairman, boardmember, general manager etc) |

## EierEiendomScore

Whether or not the person owns property.

|  |  |
| --- | --- |
| Item | Description |
| SvarEiendomNorge | *Ja*/*Nei* (yes or no) Property Norway |

## EierBorettScore

Whether or not the person has a share in a housing cooperative.

|  |  |
| --- | --- |
| Item | Description |
| SvarEiendomNorge | *Ja*/*Nei* (yes or no) Housing Coop Shares Norway |

## Testinfo

Whether or not the person is a testperson or actual person.

|  |  |
| --- | --- |
| Item | Description |
| Testperson | *true/false* |

## Oppslagstidspunkt

A timestamp of when the query for Personinfo is executed and a result is returned

|  |  |
| --- | --- |
| Item | Description |
| Oppslagstidspunkt | A query timestamp. Format is <yyyy-MM-dd'T'HH:mm:ss> |

## DebtInfoNogi (request element)

Request parameters when asking for debt information from Norsk Gjeldsinformasjon AS (NOGI).

|  |  |  |
| --- | --- | --- |
| Item | Required? | Description |
| Ssn | Yes | A valid Norwegian social security number or D-Number |
| MaxTimeToWaitMilliseconds | No | Used to specify the maximum time in milliseconds to wait for a response. Default value if not specified is 3000, in millisecond. Accepted range is from 1000 to 60000 millisecond. Values outside this range will be changed to the respective boundary value. |

**NB:** Field <Referanse> in the SOAP header under element BrukerAutorisasjon is used as a “case number / ref id” at Norsk Gjeldsinformasjon when inquiring debt information. Will be used as a reference for traceability purposes. May e.g. be a reference to the loan application. See section User authentication for more details on the SOAP header. This field **is mandatory and must be unique**.

## DebtInfoNogi (response element)

Parameters in the response body when requesting debt information from Norsk Gjeldsinformasjon AS (NOGI).

|  |  |
| --- | --- |
| Item | Description |
| Ssn | The social security number of the loan applicant |
| NumberOfCreditorsAnswered | Indicates how many of the creditors of the loan applicant that actually answered the request |
| NumberOfCreditorsMissing | Indicates how many of the creditors of the loan applicant that did not answer the request |
| Timestamp | The time the request was processed |
| CreditFacility | Can occur [0..N] times**Meaning and translation in Norwegian**: Kredittkort (f.eks. Visa og MasterCard – kortkunden har en kredittramme og avtalt avdragstid) |
|  CoBorrower | Possible values: 0: no co-borrower1: the applicant is co-borrower2: the applicant has a co-borrower |
|  Timestamp | Timestamp for when the data payload was extracted from the system of the financial institution |
|  CreditLimit | The maximum credit for the loan. In NOK |
|  InterestBearingBalance | The interest-bearing balance for the credit facility. In NOK |
|  NonInterestBearingBalance | The non-interest-bearing balance for the credit facility. In NOK |
|  NominalInterestRate | The nominal interest rate. In percentage |
|  InstallmentCharges | Installment charges. In NOK |
|  InstallmentChargePeriod | Possible values:MONTHLY, QUARTERLY, HALF\_YEARLY, YEARLY |
|  InOwnPortfolio | Flag to indicate the origin of the loan. Possible values:**true:** The loan belongs to the same financial institution that initiated the request.**false:** The loan exists elsewhere |
| ChargeCard | Can occur [0..N] timesMeaning and translation in Norwegian: faktureringskort (alt forfaller til betaling ved forfall, betalingskort uten avtalt ramme) |
|  CoBorrower | Possible values: 0: no co-borrower1: the applicant is co-borrower2: the applicant has a co-borrower |
|  Timestamp | Timestamp for when the data payload was extracted from the system of the financial institution |
|  InterestBearingBalance | The interest-bearing balance for the charge card. In NOK |
|  NonInterestBearingBalance | The non-interest-bearing balance for the charge card. In NOK |
|  InOwnPortfolio | Flag to indicate the origin of the loan. Possible values:**true:** The loan belongs to the same financial institution that initiated the request.**false:** The loan exists elsewhere |
|  |  |
| RepaymentLoan | Can occur [0..N] timesMeaning and translation in Norwegian: Nedbetalingslån (fast nedbetalingsplan) |
|  CoBorrower | Possible values: 0: no co-borrower1: the applicant is co-borrower2: the applicant has a co-borrower |
|  Timestamp | Timestamp for when the data payload was extracted from the system of the financial institution |
|  OriginalBalance | The original amount of the loan from the date the loan was granted. In NOK |
|  Balance | The balance for the repayment loan. In NOK |
|  Terms | Remaining terms for the repayment loan in months |
|  NominalInterestRate | The nominal interest rate of the repayment loan |
|  InstallmentCharges | Installment charges related to the repayment loan. In NOK |
|  InstallmentChargePeriod | Possible values:MONTHLY, QUARTERLY, HALF\_YEARLY, YEARLY |
|  InOwnPortfolio | Flag to indicate the origin of the loan. Possible values:**true:** The loan belongs to the same financial institution that initiated the request.**false:** The loan exists elsewhere |

Possible messages that can be sent in the response (see section “Message from the service” regarding the construction and placement of these message elements):

|  |  |  |
| --- | --- | --- |
| MeldingsKode | MeldingsTekst | MeldingsLevel |
| 602 | Noe gikk galt i forbindelse med henting av gjeldsinformasjon fra Norsk Gjeldsinformasjon AS. ({0})\* | error |
| 604 | Ingen gjeld fra gjeldsregister funnet. | info |
| 605 | Felt Referanse må være utfylt ved uthenting av gjeldsinformasjon. Referanseverdien må være unik. | error |
| 606 \*\* | Ufullstendig gjeldsoversikt fra gjeldsregister | info |

\* We might add extra information from Nogi if received

\*\* If field NumberOfCreditorsMissing in the response is greater then zero

## DebtInfoGras (request element)

Request parameters when asking for debt information from Gjeldsregisteret AS (GRAS).

|  |  |  |
| --- | --- | --- |
| Item | Required? | Description |
| Ssn | Yes | A valid Norwegian social security numberor D-Number |

**NB:** Field <Referanse> in the SOAP header under element BrukerAutorisasjon is used as a “case number / ref id” at Gjeldsregisteret when inquiring debt information. Will be used as a reference for traceability purposes. May e.g. be a reference to the loan application. See section User authentication for more details on the SOAP header. This field **is mandatory and must be unique**.

## DebtInfoGras (response element)

Parameters in the response body when requesting debt information from Gjeldsregisteret AS (GRAS).

|  |  |
| --- | --- |
| Item | Description |
| Ssn | The social security number of the loan applicant |
| Loan | Can occur [0..N] times (List) |
|  LoanType | Defines the type of loan. Possible values: * RepaymentLoan
* CreditFacility
* ChargeCard

**Meaning and translation in Norwegian:**CreditFacility: Kredittkort (f eks Visa og MasterCard – kortkunden har en kredittramme og avtalt avdragstid)RepaymentLoan: Nedbetalingslån (fast nedbetalingsplan)ChargeCard: Faktureringskort (alt forfaller til betaling ved forfall, betalingskort uten avtalt ramme) |
|  RecivedTime | Last updated at Gjeldsregisteret AS db (2018-06-04 13:22:50+02) |
|  ProcessedTime | Last updated at the financial institution (2018-06-04 13:22:50+02) |
|  DataOld | Flag that indicates if data is old.  "false"=The data is valid and updated the last 24 hours "true"=The data is not in sync |
|  OriginalBalance | Original balance in NOK |
|  Balance | Rest balance in NOK |
|  Terms | Total number of terms |
|  CreditLimit | Credit limit in NOK |
|  InterestBearingBalance | Interest bearing balance in NOK |
|  NonInterestBearingBalance | Noninterest bearing balance in NOK |
|  NominalInterestRate | Nominal interest rate (in percent) |
|  InstallmentCharges | Installment charges in NOK |
|  InstallmentChargePeriod | Possible values:MONTHLY, QUARTERLY, HALF\_YEARLY, YEARLY |
|  CoBorrower | Possible values: 0: no co-borrower1: the applicant is co-borrower2: the applicant has a co-borrower |
| InOwnPortfolio | Flag to indicate the origin of the loan. Possible values:**true:** The loan belongs to the same financial institution that initiated the request.**false:** The loan exists elsewhere |

Possible messages that can be sent in the response (see section “Message from the service” regarding the construction and placement of these message elements):

|  |  |  |
| --- | --- | --- |
| MeldingsKode | MeldingsTekst | MeldingsLevel |
| 603 | Noe gikk galt i forbindelse med henting av gjeldsinformasjon fra Gjeldsregisteret AS. ({0}) | error |
| 604 | Ingen gjeld fra gjeldsregister funnet. | info |
| 605 | Felt Referanse må være utfylt ved uthenting av gjeldsinformasjon. Referanseverdien må være unik. | error |

\* we might add extra information from Gras if received

# Individuals relation query DSF

Used to query for individuals and their relations in the National Register in Norway (Det Sentrale Folkeregister). This query does not generate letters of notification/copies. This query is dependent on the customer having access to the extended relation-search in DSF.

## PersonSokDSFRelasjoner

Used to query for the individual’s relations.

|  |  |
| --- | --- |
| Item | Description |
| Fodselsnr | National identity number |
| Fodselsdato | Date of birth [Standard date-format] |
| Etternavn | The individual’s last name |
| Fornavn | The individual’s first name and any middle name (F M) |
| Adresse | Street address |
| Postnr | Post code. Full post code not required, you can use the first two digits |
| Kommunenr | Municipal code |
| Kommune | Municipal text |

## PersonSokDSFRelasjonerResponse

|  |  |
| --- | --- |
| Item | Description |
| OmspurtPerson | Queried individual |
| Ektefelle | Spouse PersonDetaljerDSF |
| Barn | Children List PersonDetaljerDSF |
| Forelder | Parents List PersonDetaljerDSF |

## Error messages

|  |  |  |
| --- | --- | --- |
| Message code | Message text | Message type |
| 262 | Feil er rapportert fra Folkeregisteret (Teknisk feil). | error |
| 282 | Fant ikke personen i folkeregisteret. | error |

## PersonDetaljerDSF

|  |  |
| --- | --- |
| Item | Description |
| Fodselsnr | National identity number (DDMMYYSSSSS) |
| Fodselsdato | Date of birth [Standard date format] |
| DsfStatusKode | Status code. See DSF-documentation from Evry |
| DsfStatusTekst | Status text. See DSF-documentation from Evry |
| Fornavn | First name |
| Mellomnavn | Middle name |
| Etternavn | Last name |
| NavnKort | Short version of name |
| Kjonn | Sex  |
| KommuneNr | Municipal code |
| DsfAdresseStatusKode | Address status code. See DSF-documentation from Evry |
| DsfAdresseStatusTekst | Address status text. See DSF-documentation from Evry |
| DsfSivilstandKode | Marital status code. See DSF-documentation from Evry |
| DsfSivilstandTekst | Marital status text. See DSF-documentation from Evry |
| Statsborgerskap | Citizenship |
| FodestedKode | Birthplace code. See DSF-documentation from Evry |
| FodestedNavn | Birthplace name. See DSF-documentation from Evry |
| RolleKode | Role code. See DSF-documentation from Evry |
| Vergemaal | Table: Vergemaal |
| Ektefelle | Spouse. DsfRelasjon.  |
| Barn | Children. List DsfRelasjon |
| Mor | Mother. DsfRelasjon |
| Far | Father. DsfRelasjon |
| RettsligHandleevne | Table: RettsligHandleevne |

## DSFRelasjon

|  |  |
| --- | --- |
| Item | Description |
| Fodselsdato | Date of birth. [Standard date format] |
| Personnr | Social Security Number (SSN). 5 characters |
| Navn | Name |
| StatsborgerskapKode | Citizenship code. See DSF-documentation from Evry |
| StatsborgerskapTekst | Citizenship text. See DSF-documentation from Evry |
| Kjonn | Sex |

## Vergemaal

|  |  |
| --- | --- |
| Item | Description |
| Vergemaal | guardianShip. See DSF-documentation from Evry |
| Fremtidsfullmakt | Authorization. See DSF-documentation from Evry |
| Verger | List of Verger ( see below) |

## Verge

|  |  |
| --- | --- |
| Item | Description |
| Embetekode | OfficeCode. See DSF-documentation from Evry |
| Embete | OfficeDescription. See DSF-documentation from Evry |
| Sakstypekode | CaseTypeCode. See DSF-documentation from Evry |
| Sakstype | CaseTypeDescription. See DSF-documentation from Evry |
| Vedtaksdato | DecisionDate. See DSF-documentation from Evry |
| Fodselsdato | BirthDate. See DSF-documentation from Evry |
| Fodselsnr | BirthNo. See DSF-documentation from Evry |
| Navn | Name. See DSF-documentation from Evry |
| Mandatkode | Deprecated after release of version 2-2-8. FREG no longer provides this data. |
| Mandat | Deprecated after release of version 2-2-8. FREG no longer provides this data. |
| Kjonn | Gender, either male or female. Values “M” or “K” |
| Statsborgerskap | List of Citizenships. See table Statsborgerskap |
| Tjenesteomraade | Service area the guardian is allowed to operate within, on behalf of the ward. See table Tjenesteomraade |

**Statsborgerskap**

|  |  |
| --- | --- |
| Item | Description |
| Kode | The old dsf land code. See DSF-documentation from Evry |
| Tekst | The Norwegian name of the country |
| Dato | The valid from date |
| Landkode | The ISO 3166 Alpha2 code of the country |

**Tjenesteomraade**

|  |  |
| --- | --- |
| Item | Description |
| Tjenestevirksomhet | The service enterprise. Can be a private or public enterprise |
| Tjenesteoppgave | Service assignment. Details which task the guardian is allowed to perform on behalf of the ward |

**RettsligHandleevne**

|  |  |
| --- | --- |
| Item | Description |
| Omfang | Value: *begrenset*Means that the persons legal capacity is limited |
| GyldigFra | Valid from date |

**FREG feilmeldinger**

|  |  |  |
| --- | --- | --- |
| MeldingsKode | MeldingsTekst | MeldingsLevel |
| 262 | Feil er rapportert fra Folkeregisteret (Teknisk feil). | warn |
| 282 | Fant ikke personen i folkeregisteret. | warn |
| 501 | Ingen objekter funnet. | info |

# Retrieve car liens

Car lien queries are always linked to individuals. Please indicate which car you wish to receive information about (registration number), e.g. XV12345.

## HentHeftelserBil

|  |  |
| --- | --- |
| Item | Description |
| Registreringsnr | Car registration number. Returns HeftelserBil |

## HeftelserBil

|  |  |
| --- | --- |
| Item | Description |
| Registreringsnr | The car’s registration number |
| Sidenr | Page number (number of comments) |
| AjourDato | The Register of Mortgaged Movable Property was last updated on this date |
| DagbokDato | Registration date in the Register of Mortgaged Movable Property |
| Embedsnr | Position number |
| Dagboknr | Registration book code |
| Dokumenttype | Document type  |
| Dokumenttekst | Document text |
| Fodselsdato | Owner’s date of birth/Organisation number |
| Orgnr | Owner’s organisation number |
| Navn | Name of car owner |
| Adresse | Address |
| Postnr | Post code |
| Poststed | Town/City |
| Fordringshaver | Claimant |
| Rettssted | Legal domicile |
| Belop | Amount rounded to NOK thousands |
| FlereSkyldnere | Other debtors Yes/No |
| FlereFordringshavere | Other claimants Yes/No |
| FlereRegistreringsnr | Other registration numbers Yes/No |
| AnnenValuta | Other currency Yes/No |
| Pategninger | Other remarks Yes/No |

# Property queries

You can query properties and housing cooperatives in a number of ways. You can query them using the organisation number or national identity number to retrieve a list, or using the address of the property (**NB: address queries are available only for properties, not for housing cooperatives**).

## EiendomOversikt

The property list query will return a list of properties which the company or the individual owns in Norway. Returns a list with *EiendomDetaljer.*

|  |  |
| --- | --- |
| Item | Description |
| Offnr | Organisation number or national identity number.  |

## EiendomAdresseSok

Returns a list with *EiendomDetaljer.*

|  |  |
| --- | --- |
| Item | Description |
| Kommune | Municipal name or number |
| Gatenavn | Street name |
| Husnr | House number |
| Bokstav | House letter |
| Postnr | Post code |
| Poststed | Town/city |

## EiendomBorettOversikt

Returns a list with *EiendomBorettAndelInfo*

|  |  |
| --- | --- |
| Item | Description |
| Offnr | Organisation number or national identity number |

## EiendomDetaljer

A query result which creates a list of properties.

|  |  |
| --- | --- |
| Item | Description |
| Kommunenr | Municipal number |
| Kommunenavn | Municipal name |
| Gardsnr | Cadastral number |
| Bruksnr | Title number |
| Festenr | Leasehold unit number |
| Seksjonsnr | Condominium unit number |
| Type | Type |
| Andel | Share (e.g. 1/2 or 1/1) |
| AdresseDetaljer | Address details – returned only as a result of an address query |

## EiendomBorettAndelInfo

Query results which produce a list of housing cooperatives.

|  |  |
| --- | --- |
| Item | Description |
| BorettslagOrgnr | Housing cooperative’s organisation number |
| BorettslagNavn | Name of housing cooperative |
| Andelsnr | Housing cooperative flat number |
| Andel | Share |

# Retrieve property information

Used to retrieve land register information about a property.

## HentEiendomInfo

Returns a list with *EiendomRapportDetaljer*

|  |  |
| --- | --- |
| Item | Description |
| Kommune | Municipality name or number |
| Gardsnr | Cadastral number |
| Bruksnr | Title number |
| Festenr | Leasehold unit number |
| Seksjonsnr | Condominium unit number |
| Adresseopplysninger | Returns property’s address details |
| Grunndata | Returns basic data on the property |
| Pengeheftelser | Returns information about monetary liens on the property |
| Festeavtaler | Returns information about leases on the property |
| HeftelserLeieavtale | Returns information about liens on the lease |
| Hjemmelsdokumenthaver | Returns information about title holder |
| Servitutter | Returns information about easements |
| Informasjonstype | *Aktiv*/*Historisk* (active/historical information) |

## HentEiendomBorettInfo

Returns a list with *EiendomRapportDetaljer*

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number of the housing cooperative |
| Andelsnr | Housing cooperative flat number |
| Historikk | Triggers retrieval of historical information. **NB: Temporarily unavailable** |

## EiendomRapportDetaljer

Property information is displayed row by row and may be collated into a report. This is partly due to the variables which are shown in the land register details.

|  |  |
| --- | --- |
| Item | Description |
| Produkt | Product returned in reply to a query. |
| Format | The format which indicates how you should interpret the *Header* and *Value* variables – and when they should, and must, be printed out.  |
| Header | Header |
| Verdi | Value |

## Rules based on format values

|  |  |
| --- | --- |
| Item | Description |
| H\_0 | Only Header is printed out, because it is the header of the information type which is returned. E.g.: *Grunndata*, *Servitutter* etc.  |
| H\_1 | Sub-header which needs to be in a separate row |
| H\_2 | Sub-header which needs to be in a separate row |
| HV | This indicates that the header and value belong together and they should be in a separate row |
| V | Indicates that only one value will be returned and that it should be shown alone |

## Example – Grunndata query as a report



##

## Example – Grunndata returned from Dun & Bradstreet

<HentEiendomInfoResponse xmlns="http://dbonline.no/webservices/xsd/EiendomInfo">

 <EiendomMatrikkelDetaljer xmlns="">

 <Produkt>2FED01115000</Produkt>

 <Format>H\_0</Format>

 <Header>Grunndata</Header>

 </EiendomMatrikkelDetaljer>

 <EiendomMatrikkelDetaljer xmlns="">

 <Produkt>2FED01115000</Produkt>

 <Format>H\_1</Format>

 <Header>STATENS KARTVERK TINGLYSINGEN, ajour pr. 23/03-2007</Header>

 </EiendomMatrikkelDetaljer>

 <EiendomMatrikkelDetaljer xmlns="">

 <Produkt>2FED01115000</Produkt>

 <Format>H\_2</Format>

 <Header>Registrering av grunn</Header>

 </EiendomMatrikkelDetaljer>

 <EiendomMatrikkelDetaljer xmlns="">

 <Produkt>2FED01115000</Produkt>

 <Format>HV</Format>

 <Header>Tinglyst</Header>

 <Verdi>26/11-1918 Dagboknr. 800128</Verdi>

 </EiendomMatrikkelDetaljer>

 <EiendomMatrikkelDetaljer xmlns="">

 <Produkt>2FED01115000</Produkt>

 <Format>V</Format>

 <Verdi>Utskilt fra denne eiendommen 0626/120/3/0/0</Verdi>

 </EiendomMatrikkelDetaljer>

 <EiendomMatrikkelDetaljer xmlns="">

 <Produkt>2FED01115000</Produkt>

 <Format>V</Format>

 <Verdi>Denne eiendom utskilt fra 0626/120/1/0/0</Verdi>

 </EiendomMatrikkelDetaljer>

</HentEiendomInfoResponse>

# Retrieve extended property information

## HentEiendomEiendom

Returns *HentEiendomEiendomResponse*

|  |  |
| --- | --- |
| Item | Description |
| Kommune | Municipal name or number |
| Gardsnr | Cadastral number |
| Bruksnr | Title number |
| Festenr | Leasehold unit number |
| Seksjonsnr | Condominium unit number |
|  |  |
| Totalpant | Value *Standard*. Returns Totalpant |

## HentEiendomBorett

Returns *HentEiendomBorettResponse*

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number of the housing cooperative |
| Andelsnr | Housing cooperative flat number |
|  |  |
| Totalpant | Value *Standard*. Returns Totalpant |

## HentEiendomOffnr

Returns *HentEiendomOffnrResponse*

|  |  |
| --- | --- |
| Item | Description |
| Offnr | Organisation number or national identity number |
|  |  |
| Totalpant | Value *Standard*. Returns Totalpant |
| UfrivilligHeftelse | Accepted values true or false. Returns a list of all “ufrivillige heftelser” |

## Totalpant

|  |  |
| --- | --- |
| Item | Description |
| SumPant | Sum of all mortgages |
| SumTvangspant | Sum of involuntary mortgages |
| SumFrivilligPant | Sum of voluntary mortgages |
| AntallPantedokumenter | Number of mortgage documents |
| PantUtenBelop | Voluntary mortgage documents without amount |
| TvangspantUtenBelop | Involuntary mortgage documents without amount |
| PantIAnnenValuta | Mortgage documents in other currency |
| AntallEiendommerEidTotalt | **Offnr only**. Number of properties owned by requested individual /organisation |
| AntallBoretterEidTotalt | **Offnr only**. Number of housing cooperatives owned by requested individual/ organisation |
| UtloptPant | Whether there exist any expired mortgages which have not been deleted by The Norwegian Mapping Authority (Kartverket) |
| Uraadighet | Whether there exist any registered restraints or restrictive clauses on any of the properties |
| Rettsendring | Whether there exist registered modifications to the legal rights of land ownership, which may affect the total mortgage summation |

## UfrivilligHeftelse

|  |  |
| --- | --- |
| Item | Description |
| Dokumentnummer | Document number together with municipality number and year identifies a specific document that is registered. For example, a mortgage document |
| StartDato | This is the date when the document was first registered |
| SluttDato | Date when the Mapping Authority deletes the document that is the registration. The mortgage does not automatically get the expiration date when the mortgage loses its validity |
| EldreEnn5aar | After 5 years, some mortgage documents are no longer valid if they are not re-registered. This field indicates whether the mortgage is valid or not regardless of whether the document has been deleted |
| HeftelsesTypeKode | The Norwegian Mapping Authority codes for mortgage documents. For possible values see table below. |
| HeftelsesTypeTekst | The Mapping Authority's text belonging to the mortgages documents code. For possible values see table below. |
| RetinglysingDokumentnummer | Document number of a re-registered document to renew its claim |
| RetinglystDato | New registration date when a previously registered document is renewed |

Possible values for HeftelsesTypeKode and HeftelsesTypeTekst:

|  |  |
| --- | --- |
| **Code** | **Text** |
| TV\_UTL | UTLEGGSFORRETNING |
| TV\_UTP | UTPANTINGSFORRETNING |
| TV\_ARR | ARREST |
| TV\_UTU | UTPANTING, UBETALT BIDRAG |
| TV\_AVS | AVSETNINGSFORRETNING |
| TV\_MFO | MIDLERTIDIG FORFØYNING |
| TV\_HEF | BESLUTNING OM HEFTE |
| CT\_UBO | UTLEGGSFORRETNING |
| CM\_NTV | NOTERT TVANGSPANT |
| CT\_ARB | ARREST |
| CT\_MFB | MIDLERTIDIG FORFØYNING |
| CT\_HEB | BESLUTNING OM HEFTE |

# Roles and networks

The ‘NettverkInfo’ service enables you to query roles and networks of private individuals and companies. They do not create letters of notification/copies.

# Query individuals within the network

If the database doesn’t return a single hit, it will return a list with a maximum of 25 individuals.

## PersonSokNettverk

Used for querying individuals.

|  |  |
| --- | --- |
| Item | Description |
| Fodselsnr | National identification number |
| Fodselsdato | Date of birth (yyyy-mm-dd) |
| Etternavn | Individual’s last name |
| Fornavn | Individual’s first name and middle name (F M) |
| Adresse | Street address |
| Postnr | Post code. Full post code not required, you can use the first two digits |
| Poststed | Town/City |

## Personalia

|  |  |
| --- | --- |
| Item | Description |
| Internref | Internal reference, can be used as a unique ID in subsequent queries for individuals  |
| Fodselsdato | Date of birth |
| Navn | Individual’s name (L F M) |
| Adresse | Street address |
| Postnr | Post code |
| Poststed | Town/City |
| Status | Status code for an individual who has left the country (*U*), is deceased (*D*), or whose details have been blocked (*S*) |

# Retrieve network by individuals

This service enables you to retrieve a whole network based on an individual-targeted query (i.e. all posts performed by this individual).

## HentNettverk

|  |  |
| --- | --- |
| Item | Description |
| Fodselsnr | National identity number |
| Internreferanse | Individual’s internal reference – retrieved from Personalia which is from PersonSokNettverk.  |

## HentNettverkResponse

|  |  |
| --- | --- |
| Item | Description |
| Personalia | Personalia  |
| NettverksData | NettverksData |

## NettverksData

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Organisation number |
| Dunsnr | DUNS number |
| Navn | Company’s name |
| StatusKode | Company’s status code |
| StatusTekst | Company’s status text |
| Verv | Verv |

## Verv

|  |  |
| --- | --- |
| Item | Description |
| Internreferanse | Individual’s internal reference. Can be used to retrieve the individual’s network |
| Navn | Individual’s name |
| Adresse | Street address |
| Postnr | Post code |
| Poststed | Town/City |
| Landkode | Country code if the post holder is foreign |
| VervKode | Post code |
| VervTekst | Full text of the post |
| Status | Deceased/Left the country |

# Retrieve company roles

This service enables you to retrieve a full list of roles/posts for a company.

## HentRoller

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Company’s organisation number |
| Dunsnr | Company’s DUNS number |

## HentRollerResponse

|  |  |
| --- | --- |
| Item | Description |
| NavnAdresse | NavnAdresse |
| Verv | Verv (same as for HentNettverk) |

## NavnAdresse

|  |  |
| --- | --- |
| Item | Description |
| Orgnr | Company’s organisation number |
| Dunsnr | Company’s DUNS number |
| KodeType | Company’s status code, liquidated (L), bankrupt (K), inactive (I) |
| KodeTekst | Full text of the code |
| Navn | Legal name |
| Adresse | Address |
| Postnr | Post code  |
| Poststed | Town/City |

# Joint services

This service will be expanded as new ‘user’services become available and where it makes sense that they should be made available.

## HentScoreModell

This service enables you to retrieve score models which are connected to a customer code, for both companies and individuals.

|  |  |
| --- | --- |
| Item | Description |
| PersonModeller | If *true*, a list with ScoreModellPerson is returned |
| ForetakModeller | If *true*, a list with ScoreModellForetak is returned |

## ScoreModellPerson

|  |  |
| --- | --- |
| Item | Description |
| ModellNr | Score model number |
| ModellNavn | Score model name  |
| ScoreInputData | If the model is suitable for your own data, a list with ScoreInputPerson which contains the name of the input field, will be returned |
| GrenseAvslag | Rejection limit, linked to this score model |
| GrenseGodkjent | Approval limit, linked to this score model |

## ScoreInputPerson

NB: You may submit the fields as your own data, in the order in which they are linked to the score model.

|  |  |
| --- | --- |
| Item | Description |
| InputBeskrivelse | Textual description of what may be submitted |

## ScoreModellForetak

|  |  |
| --- | --- |
| Item | Description |
| ModellNr | Score model number |
| ModellNavn | Score model name |
| ScoreInputData | If the model is suitable for your own data, a list with ScoreInputForetak which contains the name of the input field, will be returned.  |
| GrenseAvslag | Rejection limit, linked to this score model.  |
| GrenseGodkjent | Approval limit, linked to this score model.  |

## ScoreInputForetak

NB: You may submit the fields as your own data, in the order in which they are linked to the score model.

|  |  |
| --- | --- |
| Item | Description |
| InputBeskrivelse | Textual description of what may be submitted |