

What can I choose in the calculator?

The calculator lets you choose the number of inhabitants in Switzerland for 2035 and 2050.

Population



Contents

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IMPACT - What are the impacts of increasing the population?

In Switzerland, increasing the population will have the following impacts:

Energy system

- ☹️ Increase final energy demand.
- ☹️ Increase total electricity consumption.
- ☹️ Likely to reduce the share of renewable energy sources in the energy mix.
- ☹️ Likely to raise pressure on the grid by increasing (peak) electricity demand.
- ☹️ Likely to reduce energy independence and energy security.

Environment & Climate

- ☹️ Increase global CO2 emissions.
- ☹️ Increase emissions of harmful pollutants, especially in urban areas.

Society & Economy

- ☹️ Increase the total cost of the energy transition. As population growth also drives economic growth, the relative impact of increasing population growth on the cost of the energy transition may be limited.
- 😊 Increase Confederation income from the tax on mineral oil under the current taxation system.

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.dokuwiki div.page { padding: 5px; } #wrapper #content h1 { margin-top: 0; padding-top: 0; }
#wrapper #content.padded, #wrapper #content .padded { padding: 0 0px; } #wrapper #content
.blocWrapper { margin: 0 5px 0 5px; } #wrapper #content .blocGroupWrapper { margin: 0; width:
915px; float: left; } #wrapper #content .bloc { float: left; margin: 0px 10px 10px 0px; } #wrapper
#content .bloc header { padding: 1px 5px; } #wrapper #content .bloc header.lined { border-bottom:
1px solid #c2c2c2; } #wrapper #content .bloc h2 { font-size: 20px; font-family: 'ProximaNovaCond-
Light'; color: #535559; font-weight: normal; text-transform: uppercase; margin: 0; } #wrapper
#content .bloc.single { width: 295px; } #wrapper #content .bloc.double { width: 610px; } #wrapper
#content .bloc.triple { width: 915px; } #wrapper #content .bloc.bgWhite { background: #fff; }
#wrapper #content .bloc header.bgOrange h2 { color: #fff; font-weight: normal; } #wrapper
#content .bloc header.bgOrange .blocLink { border-left: 1px solid #fe984d; color: #fff; } #wrapper
#content .bloc .blocLink { float: right; line-height: 17px; border-left: 1px solid #c2c2c2; padding-left:
20px; font-size: 14px; text-transform: uppercase; padding-top: 3px; color: #535559; font-family:
'ProximaNovaCond-Regular'; } #wrapper #content .bloc .newsBloc { border-bottom: 1px solid
#c2c2c2; padding: 0px 0px 20px 0px; /*padding-bottom: 20px;*/ margin-bottom: 20px; } #wrapper
#content .bloc .newsBloc h3 { font-size: 14px; margin-bottom: 10px; } #wrapper #content .bloc
.newsBloc p { font-size: 13px; line-height: 17px; margin-bottom: 10px; } #wrapper #content .bloc a {
color: #00a9e0; text-decoration: none; font-size: 14px; } #wrapper #content .half { width: 50%; float:
left; } #wrapper #content .larged { width: 33%; float: left; } #wrapper #content .questionAnswer h4
{ color: #fe6b00; margin-bottom: 10px; font-size: 14px; line-height: 17px; } #wrapper #content
.questionAnswer h4 img { float: left; margin-right: 4px; } #wrapper #content .questionAnswer p {
font-size: 13px; line-height: 17px; margin-bottom: 10px; } #wrapper #content .questionAnswer p img
{ float: left; margin-right: 4px; } #wrapper #content .questionAnswer .bg { float: left; color: #fff;
border-radius: 8px; width: 15px; height: 15px; text-align: center; font-size: 11px; font-weight: normal;
} #wrapper #content .questionAnswer .bg.question { background: #fe6b00; } #wrapper #content
.questionAnswer .bg.answer { background: #535559; } #wrapper #content .intro { margin-bottom:
60px; } #wrapper #content .intro .img { float: left; width: 460px; } #wrapper #content .intro .txt {
float: left; width: 480px; } #wrapper #content .intro .txt h1 { font-family: 'ProximaNovaCond-
Semibold'; font-size: 44px; color: #1d1d1b; text-transform: uppercase; margin-bottom: 6px; }
#wrapper #content .intro .txt h2 { font-family: 'ProximaNovaCond-Light'; font-size: 32px; color:
#535559; text-transform: uppercase; margin-bottom: 6px; } #wrapper #content .intro .txt p { color:
#1d1d1b; font-size: 16px; line-height: 20px; margin-bottom: 20px; } #wrapper #content
#newsWrapper { background: #fff; } #wrapper #content #newsWrapper .news { padding: 20px; }
#wrapper #content #newsWrapper .news .img { float: left; /*width: 280px;*/ width: 220px; }
#wrapper #content #newsWrapper .news .txt { float: left; width: 100px; padding-left: 10px; }
```

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#wrapper #content #newsWrapper .news h3 { font-family: 'ProximaNovaCond-Light'; font-size: 16px;
text-transform: uppercase; margin-bottom: 8px; } #wrapper #content #newsWrapper .news h2 {
font-family: 'ProximaNovaCond-Regular'; font-size: 28px; margin-bottom: 15px; } #wrapper #content
#newsWrapper .news p { font-size: 16px; margin-bottom: 20px; } #wrapper #content
#newsWrapper.detail { margin-bottom: 20px; } #wrapper #content #newsWrapper.detail img {
width: 440px; float: left; margin: 0 20px 20px 0; } #wrapper #content #faqWrapper h2 { text-align:
center; font-family: 'ProximaNovaCond-Semibold'; font-size: 26px; text-transform: uppercase; color:
#1d1d1b; margin-bottom: 20px; } #wrapper #content #faqWrapper .blocWrapper .bloc { height:
200px; position: relative; } #wrapper #content #faqWrapper .blocWrapper .bloc .content { padding:
20px; } #wrapper #content #faqWrapper .blocWrapper .bloc h3 { font-family: 'ProximaNovaCond-
Semibold'; font-size: 26px; text-transform: uppercase; color: #1d1d1b; text-align: left; } #wrapper
#content #faqWrapper .blocWrapper .bloc h4 { font-family: 'ProximaNovaCond-Light'; font-size: 19px;
text-transform: uppercase; color: #1d1d1b; margin-bottom: 20px; } #wrapper #content #faqWrapper
.blocWrapper .bloc .bluecornerlink { position: absolute; bottom: 20px; } #wrapper #content
#faqWrapper .blocWrapper .bloc .bluecornerlink a { color: #fff; } #wrapper #content
#faqWrapper.detail { margin-bottom: 40px; } #wrapper #content #faqWrapper.detail li {
background: #fff; padding-top: 20px; border-bottom: 1px solid #c2c2c2; cursor: pointer; } #wrapper
#content #faqWrapper.detail li .number { float: left; width: 30px; height: 30px; margin: 0 35px 15px
15px; text-align: center; background: #fe6b00; border-radius: 15px; line-height: 30px; color: #fff; }
#wrapper #content #faqWrapper.detail li .question { float: left; font-family: 'ProximaNovaCond-
Regular'; font-size: 28px; line-height: 30px; width: 840px; padding-bottom: 20px; padding-right: 20px;
} #wrapper #content #faqWrapper.detail li .question p { font-size: 28px; line-height: 30px; }
#wrapper #content #faqWrapper.detail li .answer { display: none; background: #fff; padding: 20px
20px 20px 80px; font-size: 16px; line-height: 20px; } #wrapper #content #faqWrapper.detail li
.answer p { margin-bottom: 20px; } #wrapper #content #faqWrapper.detail li.active { background:
#fe6b00; } #wrapper #content #faqWrapper.detail li.active .number { background: #fff; color:
#fe6b00; } #wrapper #content #faqWrapper.detail li.active .question { color: #fff; } #wrapper
#content #faqWrapper.detail li.noborder { border-bottom: none; } #wrapper #content
#lexiqueWrapper .ulWrapper { text-align: center; } #wrapper #content #lexiqueWrapper .ulWrapper
ul li { display: inline-block; *display: inline; zoom: 1; border-right: 1px solid #c2c2c2; padding: 0 11px;
} #wrapper #content #lexiqueWrapper .ulWrapper ul li.noborder { border: none; } #wrapper
#content #lexiqueWrapper .ulWrapper ul li a { color: #535559; font-family: 'ProximaNovaCond-Light';
font-size: 18px; } #wrapper #content #lexiqueWrapper .ulWrapper ul li a.active { color: #000; }
#wrapper #content #lexiqueWrapper #listWrapper { margin: 20px 0; } #wrapper #content
#lexiqueWrapper #listWrapper ul li { background: #fff; padding: 20px; border-bottom: 1px solid
#c2c2c2; } #wrapper #content #lexiqueWrapper #listWrapper ul li h4 { font-family:
'ProximaNovaCond-Regular'; font-size: 24px; margin-bottom: 6px; } #wrapper #content
#lexiqueWrapper #listWrapper ul li p { margin-bottom: 20px; } #wrapper #content #map { width:
100%; height: 550px; background: #e8e8e8; } /* TEXTE PAGES ET ADMION */ #content.text,
.redactor_box { font-family: Arial, Helvetica, Sans Serif; font-size: 16px; color: #333333; padding:
20px; } #content.text body, .redactor_box body { background: none; } #content.text h1,
.redactor_box h1, #content.text h3, .redactor_box h3 { font-family: 'ProximaNovaCond-Light'; color:
#535559; font-size: 32px; text-transform: uppercase; } #content.text h3, .redactor_box h3 { font-
size: 20px; } #content.text h2, .redactor_box h2, #content.text h4, .redactor_box h4 { font-family:
'ProximaNovaCond-Semibold'; font-size: 44px; color: #000; text-transform: uppercase; margin-
bottom: 10px; } #content.text h4, .redactor_box h4 { font-size: 26px; } #content.text p,
.redactor_box p { color: #333333; margin-bottom: 20px; } #content.text #wysiwyg, .redactor_box
#wysiwyg { margin-bottom: 80px; } #content.text ul li, .redactor_box ul li { margin-bottom: 10px;
line-height: 20px; display: block; padding-left: 20px; background: url(lib/tpl/ses/images/bg_bullet-
text.png) top left no-repeat; background-position: 0 8px; } #content.text table, .redactor_box table {
margin-top: 50px; } #content.text table td, .redactor_box table td { vertical-align: top; }
```

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#content.text table td p, .redactor_box table td p, #content.text table td li, .redactor_box table td li {
font-family: Arial, Helvetica, Sans Serif; font-size: 16px; color: #535559; } #content.text table td.w50,
.redactor_box table td.w50 { width: 460px; padding-right: 20px; } #content.text table td.w50.right,
.redactor_box table td.w50.right { width: 460px; padding-right: 0; } hr { background: none; border:
none; border-top: 1px solid #c2c2c2; } hr.marged { margin: 40px 0; } .pagination { margin: 20px
auto 40px auto; height: 20px; } .pagination ul li { float: left; padding: 0 10px; border-left: 1px solid
#c2c2c2; } .pagination ul li a { font-family: 'ProximaNovaCond-Light'; font-size: 20px; line-height:
23px; color: #797a7f; } .pagination ul li a.active { color: #000; } .pagination ul li.prev, .pagination ul
li.next { width: 11px; height: 20px; } .pagination ul li.prev, .pagination ul li.nobl, .pagination ul li.next
{ border-left: 0; } .paddedContent { padding: 20px; } #sponsorsWrapper { margin: 40px 0 30px
20px; } #sponsorsWrapper h2 { font-family: 'ProximaNovaCond-Regular'; font-size: 14px; text-
transform: uppercase; } #sponsorsWrapper .sponsor { float: left; margin-right: 60px; } .dokuwiki
div.page { overflow: auto; }
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VALUE RANGE - WHAT RANGE OF VALUES CAN I CHOOSE?

```
.dokuwiki div.page { padding: 5px; } #wrapper #content .blocWrapper { margin: 0 5px 0 5px; }
#wrapper #content .bloc header.lined { border-bottom: 1px solid #c2c2c2; } #wrapper #content
.bloc h2 { font-size: 20px; font-family: 'ProximaNovaCond-Light'; color: #535559; font-weight: normal;
text-transform: uppercase; margin: 0; } #wrapper #content .bloc.bgWhite { background: #fff; }
#wrapper #content .intro .txt h2 { font-family: 'ProximaNovaCond-Light'; font-size: 32px; color:
#535559; text-transform: uppercase; margin-bottom: 6px; } #wrapper #content #newsWrapper
.news h2 { font-family: 'ProximaNovaCond-Regular'; font-size: 28px; margin-bottom: 15px; }
#wrapper #content #faqWrapper h2 { text-align: center; font-family: 'ProximaNovaCond-Semibold';
font-size: 26px; text-transform: uppercase; color: #1d1d1b; margin-bottom: 20px; } /* TEXTE PAGES
ET ADMION */ #content.text, .redactor_box { font-family: Arial, Helvetica, Sans Serif; font-size: 16px;
color: #333333; padding: 20px; } #content.text body, .redactor_box body { background: none; }
#content.text h2, .redactor_box h2, #content.text h4, .redactor_box h4 { font-family:
'ProximaNovaCond-Semibold'; font-size: 44px; color: #000; text-transform: uppercase; margin-
bottom: 10px; } #content.text p, .redactor_box p { color: #333333; margin-bottom: 20px; }
#content.text #wysiwyg, .redactor_box #wysiwyg { margin-bottom: 80px; } hr { background: none;
border: none; border-top: 1px solid #c2c2c2; } hr.marged { margin: 40px 0; } .pagination { margin:
20px auto 40px auto; height: 20px; } .pagination ul li { float: left; padding: 0 10px; border-left: 1px
solid #c2c2c2; } .pagination ul li a { font-family: 'ProximaNovaCond-Light'; font-size: 20px; line-
height: 23px; color: #797a7f; } .pagination ul li a.active { color: #000; } .pagination ul li.prev,
.pagination ul li.next { width: 11px; height: 20px; } .pagination ul li.prev, .pagination ul li.nobl,
.pagination ul li.next { border-left: 0; } .paddedContent { padding: 20px; } #sponsorsWrapper h2 {
font-family: 'ProximaNovaCond-Regular'; font-size: 14px; text-transform: uppercase; } .dokuwiki
div.page { overflow: auto; }
```

The scenarios of OFS 2010 [3] have been used to define the future value ranges for the Swiss population:

- 2035 = 7'8 – 9'8 million inhabitants
- 2050 = 7'2 – 10'7 million inhabitants

REFERENCES

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.dokuwiki div.page { padding: 5px; } #wrapper #content .blocWrapper { margin: 0 5px 0 5px; }
#wrapper #content .bloc header.lined { border-bottom: 1px solid #c2c2c2; } #wrapper #content
.bloc h2 { font-size: 20px; font-family: 'ProximaNovaCond-Light'; color: #535559; font-weight: normal;
text-transform: uppercase; margin: 0; } #wrapper #content .bloc.bgWhite { background: #fff; }
#wrapper #content .intro .txt h2 { font-family: 'ProximaNovaCond-Light'; font-size: 32px; color:
#535559; text-transform: uppercase; margin-bottom: 6px; } #wrapper #content #newsWrapper
.news h2 { font-family: 'ProximaNovaCond-Regular'; font-size: 28px; margin-bottom: 15px; }
#wrapper #content #faqWrapper h2 { text-align: center; font-family: 'ProximaNovaCond-Semibold';
font-size: 26px; text-transform: uppercase; color: #1d1d1b; margin-bottom: 20px; } /* TEXTE PAGES
ET ADMION */ #content.text, .redactor_box { font-family: Arial, Helvetica, Sans Serif; font-size: 16px;
color: #333333; padding: 20px; } #content.text body, .redactor_box body { background: none; }
#content.text h2, .redactor_box h2, #content.text h4, .redactor_box h4 { font-family:
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bottom: 10px; } #content.text p, .redactor_box p { color: #333333; margin-bottom: 20px; }
#content.text #wysiwyg, .redactor_box #wysiwyg { margin-bottom: 80px; } hr { background: none;
border: none; border-top: 1px solid #c2c2c2; } hr.marged { margin: 40px 0; } .pagination { margin:
20px auto 40px auto; height: 20px; } .pagination ul li { float: left; padding: 0 10px; border-left: 1px
solid #c2c2c2; } .pagination ul li a { font-family: 'ProximaNovaCond-Light'; font-size: 20px; line-
height: 23px; color: #797a7f; } .pagination ul li a.active { color: #000; } .pagination ul li.prev,
.pagination ul li.next { width: 11px; height: 20px; } .pagination ul li.prev, .pagination ul li.nobl,
.pagination ul li.next { border-left: 0; } .paddedContent { padding: 20px; } #sponsorsWrapper h2 {
font-family: 'ProximaNovaCond-Regular'; font-size: 14px; text-transform: uppercase; } .dokuwiki
div.page { overflow: auto; }
```

[1] [Federal statistical office \(OFS\)](#)

[2] [United Nations, Department of Economic and Social Affairs, World Population Prospects: The 2012 Revision](#)

[3] [Federal statistical office \(OFS\) 2010, Les scenarios de l'évolution de la population de la Suisse 2010-2060.](#)

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Last update: **2019/10/22 09:17**