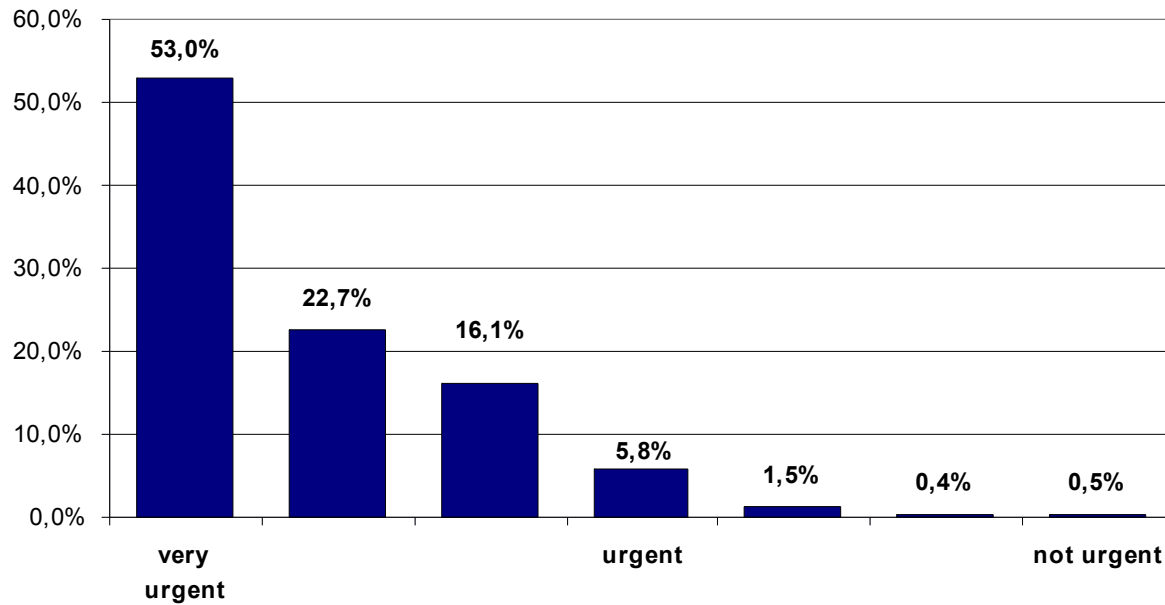


Selection Procedure for Repository Sites

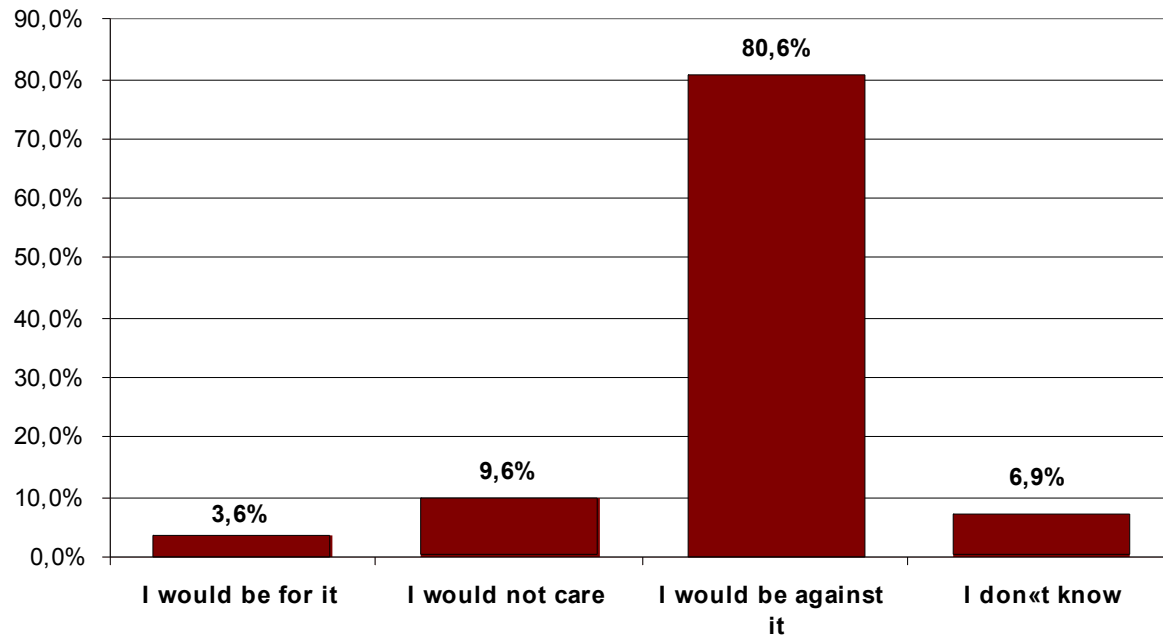
Recommendations of the AkEnd – Committee on a Selection Procedure for Repository Sites



How urgent do you guess is the problem to find a deposite for nuclear waste?



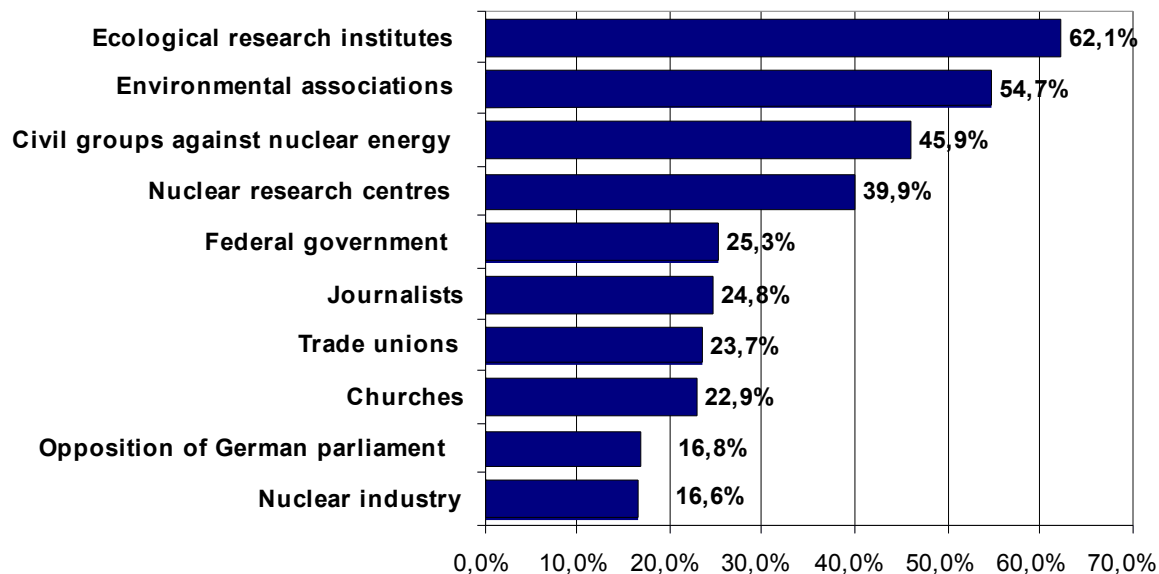
What is your opinion if there was a nuclear deposite in your region?



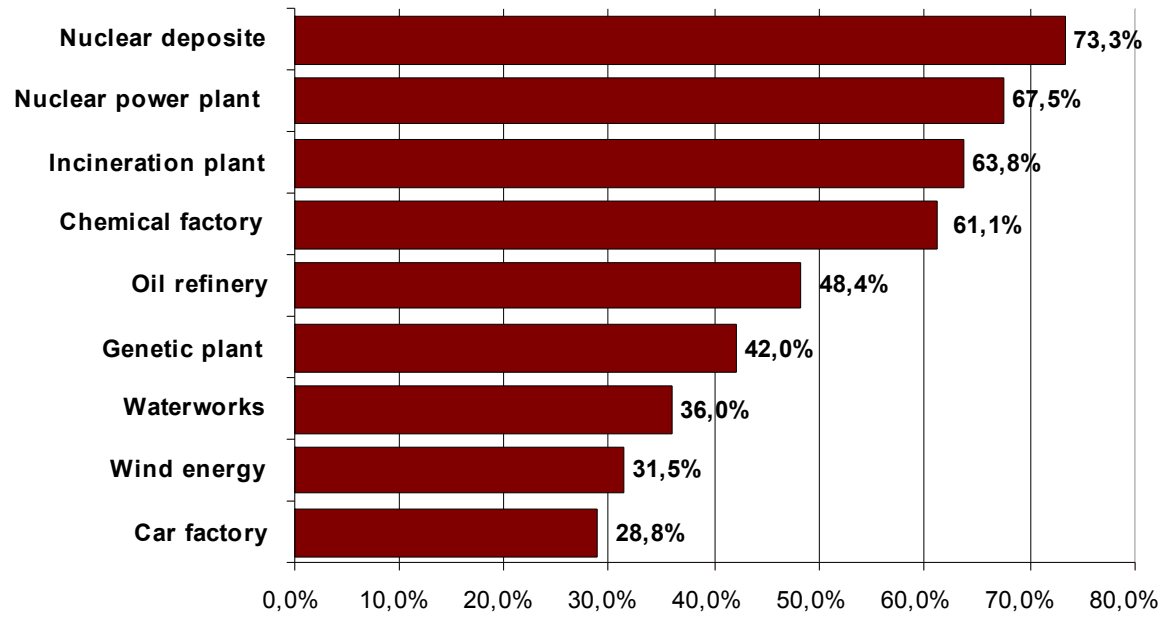


In how far do you believe in the information about nuclear energy of the following institutions ?

Very credible said:



How importantly do you feel is the participation of the public with case of



| Procedure Steps | Proceeding, Criteria, Assessments | Instruments of Citizens' Participation |
|---|--|--|
| <p>1st step</p> <p>Objective: Identification of areas fulfilling specific minimum requirements</p> | <p>For Step 1</p> <ul style="list-style-type: none"> ➤ Identification of sites with good mineral potential | <p>For the overall procedure (Steps 1–4)</p> <p>Technical Evaluation with site plan:</p> <ul style="list-style-type: none"> ➤ Establishment of an EIA for each site ➤ Control with the various authorities in the course of the procedure |
| <p>2nd step</p> <p>Objective: Selection of partial areas with particularly favourable geological conditions</p> | <p>For Step 2</p> <ul style="list-style-type: none"> ➤ Selection for weighting <p>For Step 3</p> <ul style="list-style-type: none"> ➤ Ranking of sites according to rank ➤ Exclusion of sites with low rank ➤ Ranking of sites according to rank ➤ Selection of areas for exploration ➤ Exclusion of sites with low rank ➤ Selection of sites for exploration | <p>As from Step 3</p> <ul style="list-style-type: none"> ➤ Control of the sites with the EIA ➤ Control of the sites with the EIA ➤ Round table of stakeholders ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Local council decisions (from 3.4.4.4.4) ➤ Voting vote of the public and local council at the end of Step 3 |
| <p>3rd step</p> <p>Objective: Identification and selection of site regions for exploration from the surface</p> <p style="text-align: right;">Step backwards, if required 🔥</p> | <p>For Step 4</p> <ul style="list-style-type: none"> ➤ Selection of sites for exploration ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) | <p>As from Step 3</p> <ul style="list-style-type: none"> ➤ Control of the sites with the EIA ➤ Control of the sites with the EIA ➤ Round table of stakeholders ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Local council decisions (from 3.4.4.4.4) ➤ Voting vote of the public and local council at the end of Step 3 |
| <p>4th step</p> <p>Objective: Determination of sites for underground exploration</p> <p style="text-align: right;">Step backwards, if required 🔥</p> | <p>For Step 4</p> <ul style="list-style-type: none"> ➤ Selection of sites for exploration ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) | <p>As from Step 3</p> <ul style="list-style-type: none"> ➤ Control of the sites with the EIA ➤ Control of the sites with the EIA ➤ Round table of stakeholders ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Local council decisions (from 3.4.4.4.4) ➤ Voting vote of the public and local council at the end of Step 3 |
| <p>5th step</p> <p>Objective: Decision on a site</p> <p style="text-align: right;">Step backwards, if required 🔥</p> | <p>For Step 5</p> <ul style="list-style-type: none"> ➤ Underground exploration sites ➤ Final decision ➤ Comparison of the sites ➤ Final decision | <p>As from Step 3</p> <ul style="list-style-type: none"> ➤ Control of the sites with the EIA ➤ Control of the sites with the EIA ➤ Round table of stakeholders ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Determination of the sites to be explored (from 3.4.4.4.4) ➤ Local council decisions (from 3.4.4.4.4) ➤ Voting vote of the public and local council at the end of Step 3 |



Socio-Scientific Criteria

High development potential

**High degree of willingness
to participate**

**Planning-
scientific
criteria**

**Socio-
economic
criteria**

**Vote by
population**

**Decision by
local councils**

| Field of assessment | Criterion | Legal basis | Notes |
|-----------------------------------|---|--|--|
| Nature and countryside protection | Nature reserves | § 23 BNatSchG | |
| | National parks | § 24 BNatSchG | case-by-case assessment |
| | Biosphere reserves | § 25 BNatSchG | case-by-case assessment |
| | Natural monuments | § 28 BNatSchG | |
| | Protected landscape parts | § 29 BNatSchG | case-by-case assessment |
| | Legally protected biotopes | § 30 BNatSchG | case-by-case assessment |
| | European network "Natura 2000" | §§ 32 – 38 BNatSchG | case-by-case assessment |
| Farming and forestry | Protective forests, natural forest reserves | Forestry laws of the Länder, e. g. § 22 Hessian Forestry Law | Länder-specific regulations, case-by-case assessment |
| Water use | fixed, provisionally secured and planned drinking water reserves and apes | § 19 para. 2 WHG, water laws of the Länder | at least Protection Zones I and II |
| Flood areas | fixed, provisionally secured and planned flood areas | § 32 para. 2 WHG, water laws of the Länder | |

Planning-Scientific Weighing Criteria

Table B t

| Field of assessment | Criterion | Legal basis | Notes |
|-----------------------------------|--|---|---|
| Nature and countryside protection | Naturreservat | § 29 BNatSchG | |
| | Naturlandschaft | § 27 BNatSchG | |
| | Zeichenebene (national-protected landscape parks, highly protected biotopes) | §§ 25, 29 and 30 BNatSchG | If case-by-case assessment shows that they do not fall under the exclusion criteria |
| | Special areas and communities not set and landscape areas | Provisions of regional planning and development | |
| Farming and forestry | Forest areas with special functions | Forest Forest Act, forestry law of the states | If case-by-case assessment shows that they do not fall under the exclusion criteria |
| | Priority and precautionary areas for farming and forestry | Provisions of regional planning and development | |
| | Agriculturally valuable areas (e.g. special cultivation) | Provisions of regional planning and development | |
| Recreation | Priority and precautionary areas for recreation | Provisions of regional planning and development | |

| | | | |
|-------------------------------------|--|---|---|
| Monumental protection | Structure, cultural and architectural monuments, national monuments, movable monuments | Monumental protection law of the states | If case-by-case assessment shows that they do not fall under the exclusion criteria |
| Water law | Priority and precautionary areas for water extraction | Provisions of regional planning and development | |
| Exploitation of resources | Priority and precautionary areas for near-surface and deep resources | Provisions of regional planning and development | |
| Ensuring the use of the underground | Priority areas for infrastructure, energy supply, waste disposal | Provisions of regional planning and development | |
| Infrastructure | Transport connections | | |
| | Supply and disposal paths | | |
| | Priority areas for special uses (e.g. power generation, waste treatment) | Provisions of regional planning and development | |
| | Protected areas around airports, military installations and the like | Provisions of regional planning and development | |
| Housing and settlement | Tolerance to housing and settlement areas | e.g. North Rhine-Westphalian settlement code | |

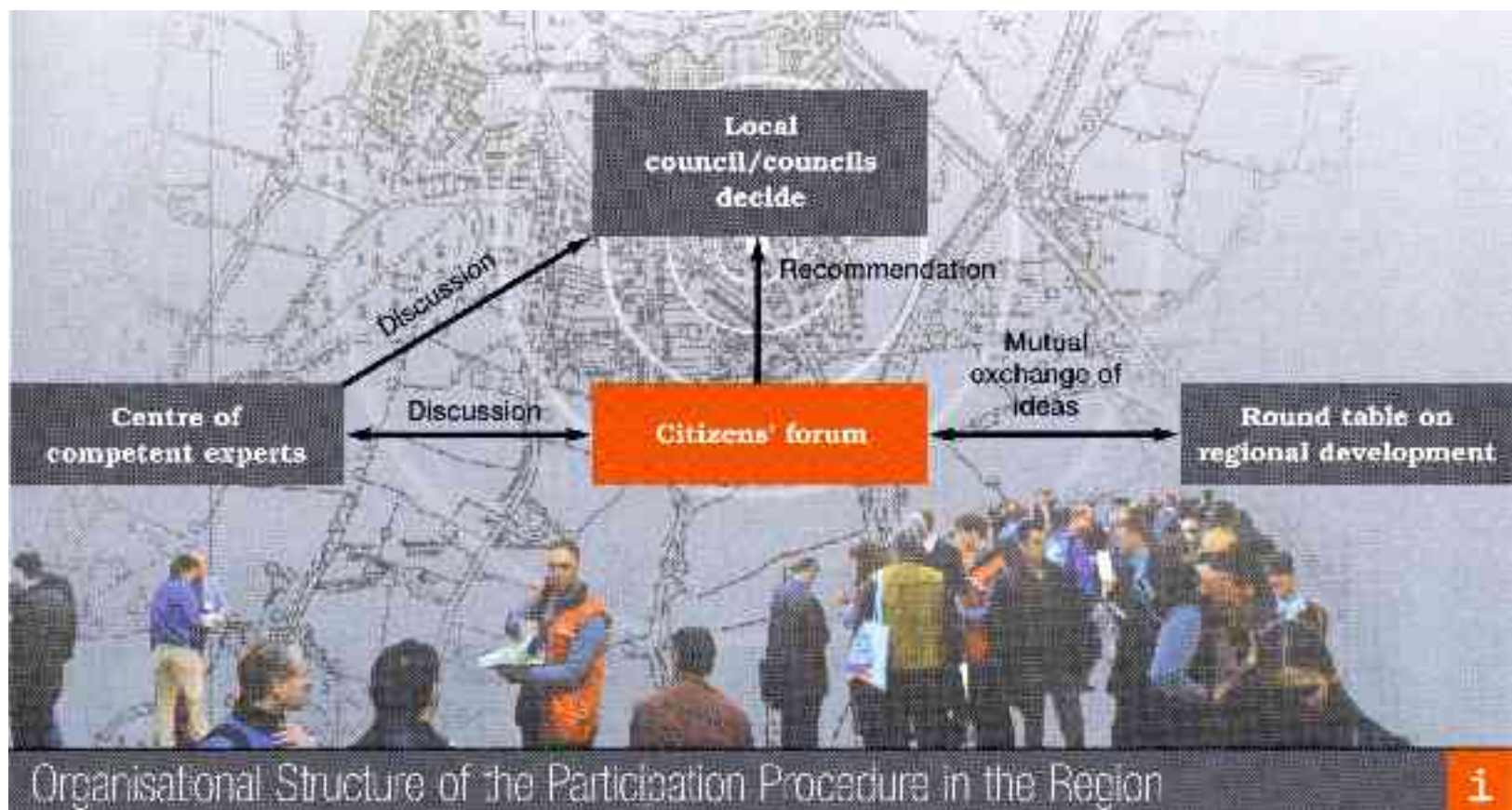
The potential analysis should include the following items:

- >> *Description of the initial socio-economic situation*
- >> *Identification of site-specific development potentials*
- >> *Prognosis of the development of the site without a repository*
- >> *Presentation of the positive and negative factors which may arise due to the identification as disposal site and due to the construction of the repository*
- >> *Scenario of the possible development following the agreement on a site for the construction of a repository*
- >> *Representative polling of the citizens concerning their ideas about desirable regional development*
- >> *Results of a workshop on future developments held with the citizens*
- >> *Results of a public discussion event on the results of the potential analysis*

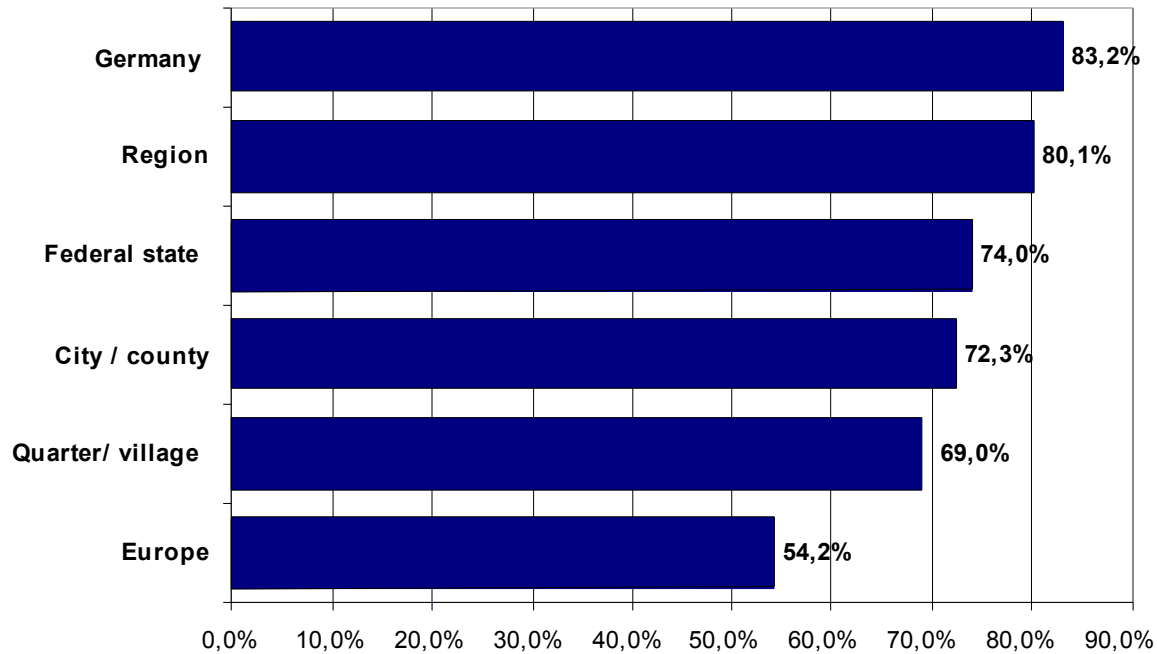
i

Standardised Potentials of Development

| Development area | Indicators | Method |
|-------------------------|--|--|
| Labour market | Expected development of balance / expected development of purchasing power | Analysis of the regional development potential |
| Investments | Expected development of investments / expected strengthening of structure or weakening due to the development of important lines of business | see above |
| Housing market | Expected occupation of dwellings / expected development of building land prices and lease prices | see above |



With which territorial unit do you identify yourself?



here is the place of your childhood?

| | Oberhausen | Munich surroundings | Ludwigslust | Regional study |
|-----------------------------------|------------|---------------------|-------------|----------------|
| The place where I live now | 67,3% | 38,1% | 52,2% | 52,9% |
| Another place, same federal state | 19,3% | 31,2% | 26,9% | 25,8% |
| In another federal state | 7,4% | 22,3% | 15,9% | 15,2% |
| Out of Germany | 5,9% | 8,4% | 4,0% | ,1% |
| Number of persons asked | 202 | 202 | 101 | 605 |