



Microdata from the Information Society survey Individuals - Families  
2022  
Description of file

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## **1. Introducción**

The Information Society Survey-ISS-Families statistical operation provides periodic information with regards to the implantation of new Information and Communication technologies – ICT – in the Basque Country. The data collected are data at a personal and family household level.

The files for the Information Society-Families (ESIF22) survey for families and individuals constitute a product for circulation directed at personal users with experience in the analysis and treatment of microdata. This format provides an added value, allowing them to carry out data exploitation and analysis that, for obvious limitations, cannot be covered by current circulation in the form of tables, publications and reports.

The microdata file corresponding to families-individuals is described in this report. The aim of disseminating a single file containing both personal and family data is to improve the use and quality of the data, and to serve the interest and benefit of being able to work with these data in aggregate form.

## **2. Criteria for selection of variables**

This file contains a selection of variables collected in the survey for the selected person and his or her family characteristics. The selection of variables has been carried out based on criteria for both confidentiality and quality, which are detailed below:

### **2.1 Criteria of confidentiality**

Maintaining the statistical secrecy of the individuals who provide the information is one of the main premises that govern this statistical activity. Therefore, the dissemination of any information of a personal nature collected under statistical secrecy must be carried out anonymously and in such a way that it cannot be associated with any specific individual, not even via the content or disaggregation of the disseminated variables.

Therefore, and in order to guarantee this safeguard, the following restrictions have been applied to the ESIF 2022 families file:

- Under no circumstances are variables of direct identification or data of a personal nature (national identity document, name, surname, addresses, telephone numbers, etc.) to be included.
- The maximum geographic disaggregation included is the province.
- Se utiliza A grouping of the family size variable that does not allow the identification of "singular" units is used.
- The only numeric variables included pertain to the personal elevator.

## **2.2 Criteria of quality**

The quality of data is one of the aspects to consider in the analysis and treatment of statistical products. The quality of the statistical product can be defined according to determined qualitative factors promulgated by EUROSTAT: Appropriateness, precision and reliability, opportunity and punctuality, consistency and comparability, accessibility and clarity.

In this case and to select the variables to be included in the ESIF 2022 families-individuals microdata file, we have focused on the first two aspects such as relevance: appropriateness (relevance or interest of the data for the user); and the accuracy and reliability of the information.

### **2.2.1 Relevance**

Given the large quantity of variables collected by the survey we have tried to include those assumed to be of greater interest and relevance.

### **2.2.2 Precision and reliability**

The main limitation in any survey by sample is due to the availability of information solely for the sample units and not for the total objective population. The sampling design of the survey will shed light on the level of representation that we will be able to achieve with the collected information.

In the case of the ESIF the sample of households is chosen systematically by Province. For the main variables and crosses of the survey the level of representation required is Provincial. However, the large number of variables and the high level of detail that can be achieved with the variables included in this file do not guarantee statistical significance of all the exploitations or analysis that can be performed on this data.

The conclusions derived from studies or analyses performed on these data are the responsibility of the user. Nevertheless, to give an idea of the quality of the information for a specific cross or disaggregation it is recommended that you consult the tables of survey sampling errors and the corresponding sampling errors calculation report, which shows recommendations regarding acceptable levels of sampling error.

[https://en.eustat.eus/estadisticas/tema\\_132/opt\\_0/temas.html](https://en.eustat.eus/estadisticas/tema_132/opt_0/temas.html)

[http://en.eustat.es/document/datos/Calculo\\_errores\\_ESI\\_c.pdf](http://en.eustat.es/document/datos/Calculo_errores_ESI_c.pdf)

## **3. Registry design**

The families-individuals microdata file of the ESIF 2022 has a text format with fixed columns, and it is structured around the thematic areas collected by the survey for this statistical unit.

#### **4. Description of the file**

They include the literals corresponding to the codification of each one of the variables included in the file. See Appendix.

## DESCRIPTION OF THE ESIF2022\_FAMILIES-INDIVIDUALS.DAT FILE

### ANNEX 1. Relation of variables of the microdata file

NUM	VARIABLE	DESCRIPTION
1	EP2_AENC	Year surveyed
2	EP2_TERR	Territory
3	MUNI	Capital
4	EP2_EDAD	Age
5	EP2_SEXO	Sex
6	EP2_LEST	Level of studies completed
7	EP2_RELA	Relation to activity
8	EP2_ESTUD	Student
9	EP2_EORDEN	Student with computer
10	EP2_ETERNET	Student with Internet connection
11	EP2_OCUPA	Employed
12	EP2_OORDEN	Employed with computer
13	EP2_OTERNET	Employed with Internet connection
14	EP2_OMOVIL	Employed with mobile phone
15	EP2_USOMOVI	Mobile phone use
16	EP2_USORD	Computer use
17	EP2_LUOR1	Computer use in the home in the last 3 months
18	EP2_LUOR2	Computer use at work in the last 3 months
19	EP2_LUOR3	Computer use in the study center in the last 3 months
20	EP2_LUOR4	Computer use elsewhere in the last 3 months
21	EP2_FRCUS	Frequency of computer use in the last 3 months
22	EP2_USOR1	Computer use for professional use in the last 3 months
23	EP2_USOR2	Computer use for academic use in the last 3 months
24	EP2_USOR3	Computer use for leisure in the last 3 months
25	EP2_USOR4	Computer use for other uses in the last 3 months
26	EP2_USINT	Internet Use
27	EP2_LUAC1	Internet use from home in the last 3 months
28	EP2_LUAC2	Internet use from the workplace in the last 3 months
29	EP2_LUAC3	Internet use from the study center in the last 3 months
30	EP2_LUAC4	Internet use from other places in the last 3 months
31	EP2_FRINT	Frequency of Internet access in the last 3 months
32	EP2_CONEDI	Daily connections

<b>33</b>	EP2_FINCON	Main purpose of Internet access
<b>34</b>	EP2_EQUAC1A	Internet access from desktop computer in the last 3 months
<b>35</b>	EP2_EQUAC1B	Internet access from laptop in the last 3 months
<b>36</b>	EP2_EQUAC2	Internet access from mobile phone in the last 3 months
<b>37</b>	EP2_EQUAC3	Internet access from Smart TV in the last 3 months
<b>38</b>	EP2_EQUAC4	Internet access from video game console in the last 3 months
<b>39</b>	EP2_EQUAC5	Internet access from tablet in the last 3 months
<b>40</b>	EP2_EQUAC9	Internet access from other media in the last 3 months
<b>41</b>	EP2_EQCU1	Use of the mobile phone outside the home or workplace to access the Internet in the last 3 months
<b>42</b>	EP2_EQCU2	Use via mobile phone outside the home or workplace to access the Internet in the last 3 months
<b>43</b>	EP2_EQCU3	Use via WIFI the mobile phone outside the home or workplace to access the Internet in the last 3 months
<b>44</b>	EP2_EQCU4	Use of the laptop outside the home or workplace to access the Internet in the last 3 months
<b>45</b>	EP2_EQCU5	Use via mobile phone network of the laptop outside the home or workplace to access the Internet in the last 3 months
<b>46</b>	EP2_EQCU6	Use via WIFI of the laptop outside the home or work center to access the Internet in the last 3 months
<b>47</b>	EP2_EQCU7	Using other devices outside the home or workplace to access the Internet in the last 3 months
<b>48</b>	EP2_IDIOMA1	Use of Basque to surf the Internet
<b>49</b>	EP2_IDIOMA2	Use of Spanish to surf the Internet
<b>50</b>	EP2_IDIOMA3	Use of English to surf the Internet
<b>51</b>	EP2_IDIOMA4	Use of French to surf the Internet
<b>52</b>	EP2_IDIOMA5	Using another language to browse the Internet
<b>53</b>	EP2_SERCI1	Receive or send email
<b>54</b>	EP2_SERCI2	Phone via Internet or video calls
<b>55</b>	EP2_SERCI3	Participate in social networks
<b>56</b>	EP2_SERCI4	Read news, newspapers or current affairs magazines online
<b>57</b>	EP2_SERCI5	Find information about goods or services
<b>58</b>	EP2_SEREC1	Play or download games
<b>59</b>	EP2_SEREC2	Listen to music
<b>60</b>	EP2_SEREC3	Watch programs broadcast on the Internet
<b>61</b>	EP2_SEREC4	Watch movies or videos on demand
<b>62</b>	EP2_SEREC5	View video content from sharing sites (Youtube)

<b>63</b>	EP2_SEREC6	Posting your own content on a shared web page
<b>64</b>	EP2_SERSAL1	Find information about health topics
<b>65</b>	EP2_SERSAL2	Make an appointment with a doctor through a website
<b>66</b>	EP2_SERPAR1	Comment on social or political issues in places of the Network
<b>67</b>	EP2_SERPAR2	Take part in online consultations or votes on civic and political issues
<b>68</b>	EP2_SERPROF1	Search for a job or submit an application
<b>69</b>	EP2_SERPROF2	Participate in professional networks
<b>70</b>	EP2_SERENS1	Take an online course
<b>71</b>	EP2_SERENS2	Use online learning material other than a full course
<b>72</b>	EP2_SERENS3	Communicate with monitors or students using educational portals or websites
<b>73</b>	EP2_SERENS4	Other online learning activities
<b>74</b>	EP2_SEROTR1	Use services related to travel and accommodation
<b>75</b>	EP2_SEROTR2	Selling goods or services
<b>76</b>	EP2_SEROTR3	Electronic banking
<b>77</b>	EP2_SEROTR4	Use payment accounts to pay for goods or services purchased online
<b>78</b>	EP2_SEROTR5	Use storage space on the Internet to save documents, images, music, video...
<b>79</b>	EP2_SEROTR6	Use messaging apps
<b>80</b>	EP2_ADM1	Get information from websites or apps of the Administration
<b>81</b>	EP2_ADM2	Download or print official forms
<b>82</b>	EP2_ADM3	Submit completed forms
<b>83</b>	EP2_ADMNEC	Need to submit an official form to public administrations
<b>84</b>	EP2_ADMNO1	It did not send completed forms to the administrations through the Internet because there was no service available via web
<b>85</b>	EP2_ADMNO2	It did not send completed forms to the administrations through the Internet due to lack of skills or knowledge
<b>86</b>	EP2_ADMNO3	It did not send completed forms to the administrations through the Internet due to concerns about protection and security of personal data
<b>87</b>	EP2_ADMNO4	It did not send completed forms to the administrations through the Internet for not having a signature or electronic certificate
<b>88</b>	EP2_ADMNO5	I did not send completed forms to the administrations via the Internet due to the online processing of another person on my behalf
<b>89</b>	EP2_ADMNO6	It did not send completed forms to the administrations through the Internet for other reasons



<b>90</b>	EP2_SEGINF	Use of any software or computer security tool
<b>91</b>	EP2_CONFINF	Degree of confidence
<b>92</b>	EP2_SEGINT1	Security issues using the Internet with unsolicited or unwanted emails in the last 3 months
<b>93</b>	EP2_SEGINT2	Security issues using the Internet with computer viruses in the last 3 months
<b>94</b>	EP2_SEGINT3	Security problems using the Internet with fraudulent credit card use in the last 3 months
<b>95</b>	EP2_SEGINT4	Security problems using the Internet with illegal or offensive emails or files in the last 3 months
<b>96</b>	EP2_SEGINT5	Security issues using the Internet with other security issues in the last 3 months
<b>97</b>	EP2_CTIC1	File transfer between computer and other devices in the last 3 months
<b>98</b>	EP2_CTIC2	Installation of software or applications in the last 3 months
<b>99</b>	EP2_CTIC3	Change of the configuration of any software in the last 3 months
<b>100</b>	EP2_CINF1	Copy or move files or folders in the last 3 months
<b>101</b>	EP2_CINF2	Using a word processor in the last 3 months
<b>102</b>	EP2_CINF3	Create presentations or documents that integrate text, images, tables or graphics In the last 3 months
<b>103</b>	EP2_CINF4	Using spreadsheets In the last 3 months
<b>104</b>	EP2_CINF41	Using advanced features to organize and analyze data in the last 3 months
<b>105</b>	EP2_CINF5	Using software to edit photos, videos or audio files in the last 3 months
<b>106</b>	EP2_CINF6	Programming in programming language in the last 3 months
<b>107</b>	EP2_COMINT	Online Shoppingt
<b>108</b>	EP2_NOCOM1	He has not purchased in the last 3 months because he prefers to buy personally in a store
<b>109</b>	EP2_NOCOM2	He has not purchased in the last 3 months because he is concerned about page security
<b>110</b>	EP2_NOCOM3	He has not purchased in the last 3 months because he is concerned about privacy
<b>111</b>	EP2_NOCOM4	He has not purchased in the last 3 months because he doesn't need it
<b>112</b>	EP2_NOCOM5	He has not purchased in the last 3 months because he believes that receiving and returning online purchases does not work well
<b>113</b>	EP2_NOCOM6	He has not purchased in the last 3 months for other reasons
<b>114</b>	EP2_CPFSUPER	Purchase of food products in the last 3 months

<b>115</b>	EP2_CPFCOMI	Purchase of prepared food in the last 3 months
<b>116</b>	EP2_CPFCUID	Purchase of personal care and hygiene in the last 3 months
<b>117</b>	EP2_CPFMEDI	Purchase of medicines and pharmaceuticals in the last 3 months
<b>118</b>	EP2_CPFROPA	Purchase of clothing, footwear and accessories in the last 3 months
<b>119</b>	EP2_CPFDEPOR	Purchase of sports equipment (except clothing and footwear) in the last 3 months
<b>120</b>	EP2_CPFBIEN	Purchase of household goods (utensils, furniture, toys, ...) in the last 3 months
<b>121</b>	EP2_CPFINFO	Purchase of computer equipment in the last 3 months
<b>122</b>	EP2_CPFELEC	Purchase of electronic equipment in the last 3 months
<b>123</b>	EP2_CPFAUTO	Purchase of vehicles and spare parts in the last 3 months
<b>124</b>	EP2_CPFLOTE	Purchase of lotteries and bets in the last 3 months
<b>125</b>	EP2_CPDFOR	Purchase of training material in the last 3 months
<b>126</b>	EP2_CPDMUS	Purchase of music in the last 3 months
<b>127</b>	EP2_CPDPEL	Purchase of movies or series in the last 3 months
<b>128</b>	EP2_CPDLIB	Purchase of books, magazines, newspaper in the last 3 months
<b>129</b>	EP2_CPDJUE	Purchase of games and their updates (computer, game consoles, mobile,...) in the last 3 months
<b>130</b>	EP2_CPDSOFT	Purchase of software and its updates in the last 3 months
<b>131</b>	EP2_CPSTEL	Purchase of telecommunications (telephony, internet,... contracts) in the last 3 months
<b>132</b>	EP2_CPSSUM	Purchase of supplies in the last 3 months
<b>133</b>	EP2_CPSALOI	Purchase of accommodation in the last 3 months
<b>134</b>	EP2_CPSTRANS	Purchase of transport in the last 3 months
<b>135</b>	EP2_CPSHOG	Purchase of household products (cleaning, care, ...) in the last 3 months
<b>136</b>	EP2_CPSECULT	Purchase of tickets to cultural events in the last 3 months
<b>137</b>	EP2_CPSEDEP	Purchase of tickets to sport events in the last 3 months
<b>138</b>	EP2_CAFACC	Investment purchase (purchase and sale of stocks, bonds and others) in the last 3 months
<b>139</b>	EP2_CAFSEG	Purchase of insurance policies in the last 3 months
<b>140</b>	EP2_CAFPREST	Purchase of formalization of loans or credits in the last 3 months
<b>141</b>	EP2_CEMP1	He has purchased or ordered goods or services online from domestic companies for particular reasons in the last 3 months
<b>142</b>	EP2_CEMP2	He has purchased or ordered goods or services online from EU companies for particular reasons in the last 3 months

		months
<b>143</b>	EP2_CEMP3	He has purchased or ordered goods or services online from companies in the rest of the world for particular reasons in the last 3 months
<b>144</b>	EP2_CEMP4	He has purchased or ordered goods or services of unknown origin online for particular reasons in the last 3 months
<b>145</b>	EP2_CEMPEX1	He has purchased or ordered physical goods online in the last 3 months
<b>146</b>	EP2_CEMPEX2	He has purchased or ordered products downloaded or accessed online on websites in the last 3 months
<b>147</b>	EP2_CEMPEX3	He has purchased or ordered travel and accommodation online in the last 3 months
<b>148</b>	EP2_CEMPEX4	He has purchased or ordered other services online in the last 3 months
<b>149</b>	EP2_CPROB	Problems purchasing or ordering goods or services online for private use in the last 3 months
<b>150</b>	EP2_CPROB1	Problems purchasing or ordering goods or services online for private use in the last 3 months due to technical failures of the website during payment
<b>151</b>	EP2_CPROB2	Problems purchasing or ordering goods or services online for private use in the past 3 months due to difficulties in finding warranty information or other legal rights
<b>152</b>	EP2_CPROB3	Problems purchasing or ordering goods or services online for private use in the past 3 months due to delays in delivery
<b>153</b>	EP2_CPROB4	Problems purchasing or ordering goods or services online for private use in the last 3 months due to higher than indicated final costs
<b>154</b>	EP2_CPROB5	Problems purchasing or ordering goods or services online for private use in the last 3 months for products or services delivered with defects or different from those ordered
<b>155</b>	EP2_CPROB6	Problems purchasing or ordering goods or services online for private use in the last 3 months due to fraud-related issues
<b>156</b>	EP2_CPROB7	Problems purchasing or ordering goods or services online for private use in the last 3 months due to difficult claims and awards
<b>157</b>	EP2_CPROB8	Problems purchasing or ordering goods or services online for private use in the last 3 months by foreign sellers who do not take orders from Spain
<b>158</b>	EP2_CPROB9	Problems purchasing or ordering goods or services online for private use in the last 3 months by other problems
<b>159</b>	EP2_CFREC	Frequency of Internet purchases of goods or services for

		particular reasons in the last 3 months
<b>160</b>	EP2_GASTO2	Spending on online purchases in the last 3 months
<b>161</b>	EP2_ELEAPER	Personal elevator
<b>162</b>	EF2_TELEV	Television
<b>163</b>	EF2_PARAB	Parabolic
<b>164</b>	EF2_TV CAB	Cable TV
<b>165</b>	EF2_TVPAG	Pay TV
<b>166</b>	EF2_TVINT	Internet TV
<b>167</b>	EF2_VIDEO	Video
<b>168</b>	EF2_TVDIS	Hard disk
<b>169</b>	EF2_DVD	DVD
<b>170</b>	EF2_CAMUS	Music chain
<b>171</b>	EF2_RADIO	Radio
<b>172</b>	EF2_NAVEG	GPS
<b>173</b>	EF2_TFNO	Landline
<b>174</b>	EF2_EBOOK	Ebook
<b>175</b>	EF2_CADG	Digital photo camera
<b>176</b>	EF2_MOVIL	Mobile phone
<b>177</b>	EF2_NMOVI	Number of mobile phones
<b>178</b>	EF2_ORDEN	Computer
<b>179</b>	EF2_ORDE1	Desktop computer
<b>180</b>	EF2_ORDE2	Laptop
<b>181</b>	EF2_ORDE4	Tablet
<b>182</b>	EF2_ORDE5	Other type of computer
<b>183</b>	EF2_NORDE	Total number of computers
<b>184</b>	EF2_TERNET	Internet at home
<b>185</b>	EF2_TERNO1	He doesn't have Internet at home because he has Internet access from somewhere else
<b>186</b>	EF2_TERNO2	He doesn't have Internet at home because they don't need Internet
<b>187</b>	EF2_TERNO3	He doesn't have Internet at home because his computer costs are too high
<b>188</b>	EF2_TERNO4	He doesn't have Internet at home because connection costs are high
<b>189</b>	EF2_TERNO5	He doesn't have Internet at home because they have little knowledge to use it
<b>190</b>	EF2_TERNO7	He doesn't have e Internet at home for security or privacy reasons
<b>191</b>	EF2_TERNO8	He doesn't have Internet at home because broadband isn't available in his area

<b>192</b>	EF2_TERNO9	He doesn't have Internet at home for other reasons
<b>193</b>	EF2_ADSL	Fixed broadband connection via ADSL
<b>194</b>	EF2_CABLE	Fixed broadband connection via cable or fiber optic network
<b>195</b>	EF2_CONEXMA	Mobile broadband connection
<b>196</b>	EF2_WIFSAT	Fixed broadband connection by other fixed broadband connections
<b>197</b>	EF2_AVIR	In the last 3 months he has had an antivirus installed
<b>198</b>	EF2_FILTR	In the last 3 months he has had installed a content filter on the Internet
<b>199</b>	EF2_PASS	In the last 3 months he has had a user ID installed
<b>200</b>	EF2_OTRS	In the last 3 months he has had other security programs installed