Survey on Financial Health and Stability Indicators (FHSIs)

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# Introduction

Your authority is being invited to participate in a survey on financial health and stability indicators (FHSIs). The survey is being facilitated by the International Association of Insurance Supervisors (IAIS) in support of the International Monetary Fund (IMF) and the World Bank Group (WBG).

Off-site monitoring is an essential tool in the supervision of insurers and the groups of which some are members. As highlighted by Standard 9.7 of the Insurance Core Principles (ICPs), “The supervisor monitors and supervises insurers on an on-going basis, based on regular communication with the insurer, information obtained through supervisory reporting and analysis of market and other relevant information.”

Off-site monitoring involves both qualitative and quantitative analyses, including the calculation of ratios and other FHSIs. Analysis of quantitative indicators can play an important role in many aspects of supervision, including:

* Market analysis for policy development;
* Macroprudential risk assessment;
* Microprudential risk assessment; and
* Market conduct supervision.

Unfortunately, not all supervisors are using such analyses as fully and effectively as they might. The reasons for this vary among jurisdictions, but often include one or more of the following:

* Use of a less-than-ideal set of indicators, for example, with gaps or multiple indicators that give the same information;
* Lack of guidance on the interpretation of the indicators, including the development and application of benchmarks;
* Infrequent and inconsistent calculation of the indicators;
* Gaps in the data needed to calculate some indicators; and
* Limited capacity in the supervisory authority.

The IMF and the WBG, with support from the IAIS, are working to help address this situation by drawing on the tools developed in previous IMF and WBG projects related to FHSIs, enhancing these resources through wider supervisory input, and then making the tools widely available to supervisors.

# About the Survey

The objective of this survey is to obtain some key information related to the use of FHSIs by insurance supervisors. Please designate one person to respond on behalf of your authority.

Draft guidance has been prepared on the interpretation of many FHSIs used by insurance supervisors. The FHSIs have been organized by the CARAMELS categories to which they are primarily related. (CARAMELS is a risk-assessment framework used by many insurance supervisors, with the following categories: Capital; Assets; Reinsurance; Actuarial Provisions; Management; Earnings; Liquidity; and Subsidiaries (including related parties and groups).) A separate document provides a mapping of the FHSIs to other risk-assessment categories where they can be useful in informing the assessment.

The survey questionnaire seeks your input on these documents and other aspects of how FHSIs are being used by your authority, including:

* The purposes for which FHSIs are being used;
* Which FHSIs are currently being used;
* Whether any changes to the FHSIs are being contemplated, for example, in response to the implementation of IFRS 9 and IFRS 17;
* The mapping of FHSIs to risk-assessment categories;
* Supervisory benchmarks for the FHSIs and how they were established;
* How some common data and methodology issues are being dealt with; and
* Suggestions for improvements to the draft interpretation guidance.

For each question, choose the response that most closely corresponds to the situation in your authority. If manuals, records or reports exist that would help you to respond to such questions, please refer to them. If not, please respond based on your best estimates of what the actual situation and experience have been.

Please ensure that all of your responses have been approved as final before beginning the process of entering your responses online. As you move through the online questionnaire, all question responses are immediately stored. You can use the browse-back button in the questionnaire to change a response on a previous page, but you cannot use the web browser’s back button. If you are unable to finish entering responses during your session, you can use the “save and continue later” selection at the end of each page (a link will be sent to your email). Kindly note to submit your final responses, you must jump to the last page of the survey and click on the “Submit” button.  Only ‘Submitted’ responses as of the closing date will be taken into consideration.

In this survey (as in the ICPs), the term “legislation” is used to include both primary legislation (which generally requires full legislative consent) and secondary and other forms of legislation, including rules and regulations which have the legal force of law but are usually the responsibility of the supervisor.

Individual survey responses will be strictly confidential to the IMF, the WBG, and the IAIS secretariat. Publicly-reported data from this exercise will be aggregated, for example, by IAIS region or level of economic development.

Thank you for your time and support.

Please enter the Name, Position and Email Address of the contact person for this survey.

Please enter Your Jurisdiction name: (\*Required for online survey to pre-populate the information on the screens.)

Please enter Your Authority name: (\*Required for online survey to pre-populate the information on the screens.)

# A. Information About YOUR AUTHORITY

1. What is the institutional nature of YOUR AUTHORITY?
2. Department within central bank or monetary authority
3. Department within government ministry (for example, Ministry of Finance)
4. Autonomous public authority (for example, Financial Services Authority)
5. Which financial sectors are supervised by YOUR AUTHORITY? (More than one response may be entered, where applicable.)
6. Insurance
7. Pensions
8. Banking
9. Securities
10. Other
11. What types of insurance activities are supervised by YOUR AUTHORITY? (More than one response may be entered, where applicable.)
12. Conventional insurance
13. Microinsurance
14. Takaful
15. Microtakful
16. Offshore insurance
17. In which aspects of regulation or supervision are YOUR AUTHORITY involved? (More than one response may be entered, where applicable.)
18. Micro-prudential
19. Macro-prudential
20. Market conduct
21. Financial integrity (for example, anti-money laundering)
22. Competition policy
23. Market development

# B. Use of FHSIs by YOUR AUTHORITY

1. To what extent does YOUR AUTHORITY use FHSIs in supervising each of the following types of insurance activities?

|  | 1. Used regularly and consistently | 2. Used often but not always consistently | 3. Used sometimes | 4. Seldom if ever used | 5. Not applicable, because YOUR AUTHORITY has no responsibility for this type of insurance activity |
| --- | --- | --- | --- | --- | --- |
| a. Conventional insurance |  |  |  |  |  |
| b. Microinsurance |  |  |  |  |  |
| c. Takaful |  |  |  |  |  |
| d. Microtakful |  |  |  |  |  |
| e. Offshore insurance |  |  |  |  |  |

1. To what extent does YOUR AUTHORITY use FHSIs in each of the following aspects of regulation or supervision?

|  | 1. Used regularly and consistently | 2. Used often but not always consistently | 3. Used sometimes | 4. Seldom if ever used | 5. Not applicable, because YOUR AUTHORITY has no responsibility for this aspect of regulation or supervision |
| --- | --- | --- | --- | --- | --- |
| a. Micro-prudential |  |  |  |  |  |
| b. Macro-prudential |  |  |  |  |  |
| c. Market conduct |  |  |  |  |  |
| d. Financial integrity |  |  |  |  |  |
| e. Competition policy |  |  |  |  |  |
| f. Market development |  |  |  |  |  |

1. To what extent does YOUR AUTHORITY have the following tools and guidance to support the use of FHSIs?

|  | 1. Available for all or most FHSIs, where relevant | 2. Available for many FHSIs | 3. Available for few if any FHSIs | 4. Not available |
| --- | --- | --- | --- | --- |
| a. A structured database of the data needed to calculate FHSIs |  |  |  |  |
| b. A supervisory reporting system that automatically calculates FHSIs for each insurer |  |  |  |  |
| c. Standardized spreadsheets that are used to calculate FHSIs |  |  |  |  |
| d. Instructions for calculating FHSIs, including the data and methodology |  |  |  |  |
| e. A supervisory reporting system or standardized spreadsheets that facilitate the analysis of trends in the FHSIs for each insurer |  |  |  |  |
| e. A supervisory reporting system or standardized spreadsheets that facilitate the comparison of FHSIs for peer groups of insurers |  |  |  |  |
| f. Supervisory benchmarks for specific FHSIs |  |  |  |  |
| g. Written guidance on the interpretation of specific FHSIs |  |  |  |  |
| h. Written guidance on the use of FHSIs, in general |  |  |  |  |
| i. Training on the interpretation of specific FHSIs |  |  |  |  |
| j. Training on the use of FHSIs, in general |  |  |  |  |

1. To what extent does YOUR AUTHORITY communicate with insurers regarding your use of FHSIs?

|  | 1. Communicated for all or most FHSIs, where relevant | 2. Communicated for many FHSIs | 3. Communicated for a few FHSIs | 4. Not communicated |
| --- | --- | --- | --- | --- |
| a. General explanation of how FHSIs are used |  |  |  |  |
| b. Descriptions of the FHSIs used |  |  |  |  |
| c. Supervisory benchmarks for specific FHSIs |  |  |  |  |
| d. Results of calculations of specific FHSIs for the insurer |  |  |  |  |
| e. Aggregate results of calculations of specific FHSIs for peer groups of insurers or the industry |  |  |  |  |

1. To what extent does YOUR AUTHORITY communicate with the general public regarding your use of FHSIs?

|  | 1. Communicated for all or most FHSIs, where relevant | 2. Communicated for many FHSIs | 3. Communicated for a few FHSIs | 4. Not communicated |
| --- | --- | --- | --- | --- |
| a. General explanation of how FHSIs are used |  |  |  |  |
| b. Descriptions of the FHSIs used |  |  |  |  |
| c. Supervisory benchmarks for specific FHSIs |  |  |  |  |
| d. Results of calculations of specific FHSIs for specific insurers, with the insurers identified |  |  |  |  |
| e. Results of calculations of specific FHSIs for specific insurers, but with the insurers not identified |  |  |  |  |
| f. Aggregate results of calculations of specific FHSIs for peer groups of insurers or the industry |  |  |  |  |

1. Which of the following categories are included in the risk-assessment framework used by YOUR AUTHORITY?

|  | 1. Included in the framework | 2. A similar category is included (explain) | 3. Not included | 4. Not applicable, because YOUR AUTHORITY has no risk-assessment framework |
| --- | --- | --- | --- | --- |
| a. Capital |  |  |  |  |
| b. Assets |  |  |  |  |
| c. Reinsurance |  |  |  |  |
| d. Actuarial |  |  |  |  |
| e. Management |  |  |  |  |
| f. Earnings |  |  |  |  |
| g. Liquidity |  |  |  |  |
| h. Subsidiaries (or Group or Related Parties) |  |  |  |  |
| i. Insurance |  |  |  |  |
| j. Credit |  |  |  |  |
| k. Market |  |  |  |  |
| l. Operational |  |  |  |  |
| m. Legal and Regulatory |  |  |  |  |
| n. Conduct |  |  |  |  |
| o. Reputation |  |  |  |  |
| p. Concentration |  |  |  |  |
| q. Environmental (sectoral and macro risks) |  |  |  |  |
| r. Strategic |  |  |  |  |
| s. Other categories (explain) |  |  |  |  |

[Attach separate comment boxes for each of a.2. through r.2. Also, attach a comment box to s.1.]

Comment box:

1. In total, how many FHSIs does YOUR AUTHORITY use? (When responding, count each FHSI only once, even if some FHSIs relate to more than one risk-assessment category.)
2. 100 or more
3. 75 to 99
4. 50 to 74
5. 25 to 49
6. 15 to 24
7. 10 to 14
8. 9 or fewer
9. How many FHSIs does YOUR AUTHORITY use when assessing each of the categories in your risk-assessment framework? (When responding, count all FHSIs mapped to the risk-assessment category, even if they have also been mapped other categories.)

|  | 1. 10 or more FHSIs | 2. 5 to 9 FHSIs | 3. 1 to 4 FHSIs | 4. No FHSIs are used when assessing this category | 5. Not applicable, because this category is not used |
| --- | --- | --- | --- | --- | --- |
| a. Capital |  |  |  |  |  |
| b. Assets |  |  |  |  |  |
| c. Reinsurance |  |  |  |  |  |
| d. Actuarial |  |  |  |  |  |
| e. Management |  |  |  |  |  |
| f. Earnings |  |  |  |  |  |
| g. Liquidity |  |  |  |  |  |
| h. Subsidiaries (or Group or Related Parties) |  |  |  |  |  |
| i. Insurance |  |  |  |  |  |
| j. Credit |  |  |  |  |  |
| k. Market |  |  |  |  |  |
| l. Operational |  |  |  |  |  |
| m. Legal and Regulatory |  |  |  |  |  |
| n. Conduct |  |  |  |  |  |
| o. Reputation |  |  |  |  |  |
| p. Concentration |  |  |  |  |  |
| q. Environmental (sectoral and macro risks) |  |  |  |  |  |
| r. Strategic |  |  |  |  |  |
| s. Other categories (explain) |  |  |  |  |  |

[Attach a comment box to row s, columns 1 to 4 in combination.]

Comment box:

1. To what extent has YOUR AUTHORITY progressed in revising the FHSIs it uses to take account of anticipated changes in financial reporting and regulatory requirements related to IFRS 9 and IFRS 17?

|  | 1. Revisions were needed and have already been made | 2. No revisions were considered necessary | 3. Revisions will be needed, but have not yet been made | 4. The need for revisions has not yet been considered | 5. Not applicable, because this category is not used | 6. Not applicable, because IFRS is not used by insurers in YOUR JURISDICTION |
| --- | --- | --- | --- | --- | --- | --- |
| a. Capital |  |  |  |  |  |  |
| b. Assets |  |  |  |  |  |  |
| c. Reinsurance |  |  |  |  |  |  |
| d. Actuarial |  |  |  |  |  |  |
| e. Management |  |  |  |  |  |  |
| f. Earnings |  |  |  |  |  |  |
| g. Liquidity |  |  |  |  |  |  |
| h. Subsidiaries (or Group or Related Parties) |  |  |  |  |  |  |
| i. Insurance |  |  |  |  |  |  |
| j. Credit |  |  |  |  |  |  |
| k. Market |  |  |  |  |  |  |
| l. Operational |  |  |  |  |  |  |
| m. Legal and Regulatory |  |  |  |  |  |  |
| n. Conduct |  |  |  |  |  |  |
| o. Reputation |  |  |  |  |  |  |
| p. Concentration |  |  |  |  |  |  |
| q. Environmental (sectoral and macro risks) |  |  |  |  |  |  |
| r. Strategic |  |  |  |  |  |  |
| s. Other categories (explain) |  |  |  |  |  |  |

[Attach a comment box to row s, columns 1 to 4 in combination.]

Comment box:

# C. Resources and Tools

1. In addition to the resources and tools currently available (for example, the Core Curriculum modules), to what extent would the following initiatives that might be considered by the IMF, the WBG, or others be useful to YOUR AUTHORITY in enhancing your use of FHSIs?

|  | 1. Very useful | 2. Useful | 3. Somewhat useful | 4. Not useful |
| --- | --- | --- | --- | --- |
| a. A paper that summarizes the results of this survey and briefly discusses the use of FHSIs |  |  |  |  |
| b. A list of FHSIs used by insurance supervisors |  |  |  |  |
| c. A mapping of FHSIs to risk-assessment categories |  |  |  |  |
| d. Guidance on the calculation of specific FHSIs |  |  |  |  |
| e. Guidance on the interpretation of specific FHSIs |  |  |  |  |
| f. A process for obtaining ongoing input on the above items and making periodic updates |  |  |  |  |
| g. An accessible database of the FHSIs used by individual supervisors and the supervisory benchmarks they have established |  |  |  |  |
| h. An Excel workbook that can be used to calculate FHSIs and make comparisons among insurers |  |  |  |  |
| i. Development for trainers |  |  |  |  |
| j. Regional or international training seminars |  |  |  |  |
| k. Interactive webinars |  |  |  |  |
| l. Individual e-learning materials |  |  |  |  |
| m. Developing similar resources and tools for pensions supervisors |  |  |  |  |
| n. Other (please elaborate) |  |  |  |  |

[Attach a comment box to row n, columns 1 to 4 in combination.]

Comment box:

# D. Input on Specific FHSIs

Draft guidance has been prepared on the interpretation of many FHSIs used by insurance supervisors. The FHSIs have been organized by the CARAMELS categories to which they are primarily related. A separate document provides a mapping of the FHSIs to other risk-assessment categories where they can be useful in informing the assessment – both within CARAMELS and categories commonly used in other risk-assessment frameworks.

This part of the survey questionnaire seeks your input on each of the FHSIs covered by these documents. It also provides the opportunity for you to provide similar information with respect to other FHSIs that are being used by YOUR AUTHORITY.

The draft Guidance on the Interpretation of FHSIs should be read with the understanding that, unless otherwise indicated, the results of FHSIs that are calculated as ratios would typically be expressed as percentages. Also, when FHSIs involving items from the income statement are calculated for periods of less than one year the results are typically annualized. FHSIs denoted as [FSI] have been adopted by the IMF as Financial Soundness Indicators for the insurance sector.

Some questions ask if YOUR AUTHORITY uses an arithmetic transformation of an FHSI. Examples of arithmetic transformations would be the inverse (1 / FHSI) or the complement (1 – FHSI) of the FHSI as described.

The final section in this part of the survey questionnaire provides the opportunity for you to provide similar information with respect to other FHSIs that are being used by YOUR AUTHORITY, which are not listed anywhere in the draft guidance. If YOUR AUTHORITY uses more than 10 additional FHSIs, please provide this information on the 10 you consider most important.

## D1. Capital

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 1.01 : Gross written premium / capital |  |  |  |
| 1.02 : Net written premium / capital |  |  |  |
| 1.03 : Capital / total assets |  |  |  |
| 1.04 : Capital / invested assets [FSI] |  |  |  |
| 1.05 : Capital / technical provisions |  |  |  |
| 1.06 : Cover of solvency margin |  |  |  |
| 1.07 : Risk-based capital adequacy ratios |  |  |  |
| 1.08 : Growth in capital |  |  |  |
| 1.09 : Net growth in capital |  |  |  |
| 1.10 : Statutory deposit / required deposit |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 1.01 : Gross written premium / capital |  |  |  |  |  |
| 1.02 : Net written premium / capital |  |  |  |  |  |
| 1.03 : Capital / total assets |  |  |  |  |  |
| 1.04 : Capital / invested assets [FSI] |  |  |  |  |  |
| 1.05 : Capital / technical provisions |  |  |  |  |  |
| 1.06 : Cover of solvency margin |  |  |  |  |  |
| 1.07 : Risk-based capital adequacy ratios |  |  |  |  |  |
| 1.08 : Growth in capital |  |  |  |  |  |
| 1.09 : Net growth in capital |  |  |  |  |  |
| 1.10 : Statutory deposit / required deposit |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 1.01 : Gross written premium / capital |  |  |  |  |
| 1.02 : Net written premium / capital |  |  |  |  |
| 1.03 : Capital / total assets |  |  |  |  |
| 1.04 : Capital / invested assets [FSI] |  |  |  |  |
| 1.05 : Capital / technical provisions |  |  |  |  |
| 1.06 : Cover of solvency margin |  |  |  |  |
| 1.07 : Risk-based capital adequacy ratios |  |  |  |  |
| 1.08 : Growth in capital |  |  |  |  |
| 1.09 : Net growth in capital |  |  |  |  |
| 1.10 : Statutory deposit / required deposit |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 1.01 : Gross written premium / capital |  |  |  |
| 1.02 : Net written premium / capital |  |  |  |
| 1.03 : Capital / total assets |  |  |  |
| 1.04 : Capital / invested assets [FSI] |  |  |  |
| 1.05 : Capital / technical provisions |  |  |  |
| 1.06 : Cover of solvency margin |  |  |  |
| 1.07 : Risk-based capital adequacy ratios |  |  |  |
| 1.08 : Growth in capital |  |  |  |
| 1.09 : Net growth in capital |  |  |  |
| 1.10 : Statutory deposit / required deposit |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 1.01 : Gross written premium / capital |  |  |  |  |  |  |
| 1.02 : Net written premium / capital |  |  |  |  |  |  |
| 1.03 : Capital / total assets |  |  |  |  |  |  |
| 1.04 : Capital / invested assets [FSI] |  |  |  |  |  |  |
| 1.05 : Capital / technical provisions |  |  |  |  |  |  |
| 1.06 : Cover of solvency margin |  |  |  |  |  |  |
| 1.07 : Risk-based capital adequacy ratios |  |  |  |  |  |  |
| 1.08 : Growth in capital |  |  |  |  |  |  |
| 1.09 : Net growth in capital |  |  |  |  |  |  |
| 1.10 : Statutory deposit / required deposit |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 1.01 : Gross written premium / capital |  |  |  |  |
| 1.02 : Net written premium / capital |  |  |  |  |
| 1.03 : Capital / total assets |  |  |  |  |
| 1.04 : Capital / invested assets [FSI] |  |  |  |  |
| 1.05 : Capital / technical provisions |  |  |  |  |
| 1.06 : Cover of solvency margin |  |  |  |  |
| 1.07 : Risk-based capital adequacy ratios |  |  |  |  |
| 1.08 : Growth in capital |  |  |  |  |
| 1.09 : Net growth in capital |  |  |  |  |
| 1.10 : Statutory deposit / required deposit |  |  |  |  |

## D2. Assets

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 2.01 : (Real estate + unquoted equities + receivables) / total assets |  |  |  |
| 2.02 : Real estate / total assets |  |  |  |
| 2.03 : Real estate / capital |  |  |  |
| 2.04 : (Real estate + mortgages) / total assets |  |  |  |
| 2.05 : Maximum deposits in a single bank / total assets |  |  |  |
| 2.06 : (Cash + loans + investments) / total assets |  |  |  |
| 2.07 : Receivables / (gross written premium + reinsurance recoveries) |  |  |  |
| 2.08 : Receivables / capital |  |  |  |
| 2.09 : (Non-performing investment assets and loans + receivables over 90 days) / total assets |  |  |  |
| 2.10 : Receivables over 90 days / total receivables |  |  |  |
| 2.11 : Equities / total assets |  |  |  |
| 2.12 : Non-performing loans / total gross loans |  |  |  |
| 2.13 : Maximum investment in a single counterparty / total assets |  |  |  |
| 2.14 : Maximum receivable from a single counterparty / total assets |  |  |  |
| 2.15 : Gross asset position in financial derivatives / capital |  |  |  |
| 2.16 : Gross liability position in financial derivatives / capital |  |  |  |
| 2.17 : Investments: distribution by type |  |  |  |
| 2.18 : Investments: geographical distribution |  |  |  |
| 2.19 : Investments: sectoral distribution |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 2.01 : (Real estate + unquoted equities + receivables) / total assets |  |  |  |  |  |
| 2.02 : Real estate / total assets |  |  |  |  |  |
| 2.03 : Real estate / capital |  |  |  |  |  |
| 2.04 : (Real estate + mortgages) / total assets |  |  |  |  |  |
| 2.05 : Maximum deposits in a single bank / total assets |  |  |  |  |  |
| 2.06 : (Cash + loans + investments) / total assets |  |  |  |  |  |
| 2.07 : Receivables / (gross written premium + reinsurance recoveries) |  |  |  |  |  |
| 2.08 : Receivables / capital |  |  |  |  |  |
| 2.09 : (Non-performing investment assets and loans + receivables over 90 days) / total assets |  |  |  |  |  |
| 2.10 : Receivables over 90 days / total receivables |  |  |  |  |  |
| 2.11 : Equities / total assets |  |  |  |  |  |
| 2.12 : Non-performing loans / total gross loans |  |  |  |  |  |
| 2.13 : Maximum investment in a single counterparty / total assets |  |  |  |  |  |
| 2.14 : Maximum receivable from a single counterparty / total assets |  |  |  |  |  |
| 2.15 : Gross asset position in financial derivatives / capital |  |  |  |  |  |
| 2.16 : Gross liability position in financial derivatives / capital |  |  |  |  |  |
| 2.17 : Investments: distribution by type |  |  |  |  |  |
| 2.18 : Investments: geographical distribution |  |  |  |  |  |
| 2.19 : Investments: sectoral distribution |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 2.01 : (Real estate + unquoted equities + receivables) / total assets |  |  |  |  |
| 2.02 : Real estate / total assets |  |  |  |  |
| 2.03 : Real estate / capital |  |  |  |  |
| 2.04 : (Real estate + mortgages) / total assets |  |  |  |  |
| 2.05 : Maximum deposits in a single bank / total assets |  |  |  |  |
| 2.06 : (Cash + loans + investments) / total assets |  |  |  |  |
| 2.07 : Receivables / (gross written premium + reinsurance recoveries) |  |  |  |  |
| 2.08 : Receivables / capital |  |  |  |  |
| 2.09 : (Non-performing investment assets and loans + receivables over 90 days) / total assets |  |  |  |  |
| 2.10 : Receivables over 90 days / total receivables |  |  |  |  |
| 2.11 : Equities / total assets |  |  |  |  |
| 2.12 : Non-performing loans / total gross loans |  |  |  |  |
| 2.13 : Maximum investment in a single counterparty / total assets |  |  |  |  |
| 2.14 : Maximum receivable from a single counterparty / total assets |  |  |  |  |
| 2.15 : Gross asset position in financial derivatives / capital |  |  |  |  |
| 2.16 : Gross liability position in financial derivatives / capital |  |  |  |  |
| 2.17 : Investments: distribution by type |  |  |  |  |
| 2.18 : Investments: geographical distribution |  |  |  |  |
| 2.19 : Investments: sectoral distribution |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 2.01 : (Real estate + unquoted equities + receivables) / total assets |  |  |  |
| 2.02 : Real estate / total assets |  |  |  |
| 2.03 : Real estate / capital |  |  |  |
| 2.04 : (Real estate + mortgages) / total assets |  |  |  |
| 2.05 : Maximum deposits in a single bank / total assets |  |  |  |
| 2.06 : (Cash + loans + investments) / total assets |  |  |  |
| 2.07 : Receivables / (gross written premium + reinsurance recoveries) |  |  |  |
| 2.08 : Receivables / capital |  |  |  |
| 2.09 : (Non-performing investment assets and loans + receivables over 90 days) / total assets |  |  |  |
| 2.10 : Receivables over 90 days / total receivables |  |  |  |
| 2.11 : Equities / total assets |  |  |  |
| 2.12 : Non-performing loans / total gross loans |  |  |  |
| 2.13 : Maximum investment in a single counterparty / total assets |  |  |  |
| 2.14 : Maximum receivable from a single counterparty / total assets |  |  |  |
| 2.15 : Gross asset position in financial derivatives / capital |  |  |  |
| 2.16 : Gross liability position in financial derivatives / capital |  |  |  |
| 2.17 : Investments: distribution by type |  |  |  |
| 2.18 : Investments: geographical distribution |  |  |  |
| 2.19 : Investments: sectoral distribution |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 2.01 : (Real estate + unquoted equities + receivables) / total assets |  |  |  |  |  |  |
| 2.02 : Real estate / total assets |  |  |  |  |  |  |
| 2.03 : Real estate / capital |  |  |  |  |  |  |
| 2.04 : (Real estate + mortgages) / total assets |  |  |  |  |  |  |
| 2.05 : Maximum deposits in a single bank / total assets |  |  |  |  |  |  |
| 2.06 : (Cash + loans + investments) / total assets |  |  |  |  |  |  |
| 2.07 : Receivables / (gross written premium + reinsurance recoveries) |  |  |  |  |  |  |
| 2.08 : Receivables / capital |  |  |  |  |  |  |
| 2.09 : (Non-performing investment assets and loans + receivables over 90 days) / total assets |  |  |  |  |  |  |
| 2.10 : Receivables over 90 days / total receivables |  |  |  |  |  |  |
| 2.11 : Equities / total assets |  |  |  |  |  |  |
| 2.12 : Non-performing loans / total gross loans |  |  |  |  |  |  |
| 2.13 : Maximum investment in a single counterparty / total assets |  |  |  |  |  |  |
| 2.14 : Maximum receivable from a single counterparty / total assets |  |  |  |  |  |  |
| 2.15 : Gross asset position in financial derivatives / capital |  |  |  |  |  |  |
| 2.16 : Gross liability position in financial derivatives / capital |  |  |  |  |  |  |
| 2.17 : Investments: distribution by type |  |  |  |  |  |  |
| 2.18 : Investments: geographical distribution |  |  |  |  |  |  |
| 2.19 : Investments: sectoral distribution |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 2.01 : (Real estate + unquoted equities + receivables) / total assets |  |  |  |  |
| 2.02 : Real estate / total assets |  |  |  |  |
| 2.03 : Real estate / capital |  |  |  |  |
| 2.04 : (Real estate + mortgages) / total assets |  |  |  |  |
| 2.05 : Maximum deposits in a single bank / total assets |  |  |  |  |
| 2.06 : (Cash + loans + investments) / total assets |  |  |  |  |
| 2.07 : Receivables / (gross written premium + reinsurance recoveries) |  |  |  |  |
| 2.08 : Receivables / capital |  |  |  |  |
| 2.09 : (Non-performing investment assets and loans + receivables over 90 days) / total assets |  |  |  |  |
| 2.10 : Receivables over 90 days / total receivables |  |  |  |  |
| 2.11 : Equities / total assets |  |  |  |  |
| 2.12 : Non-performing loans / total gross loans |  |  |  |  |
| 2.13 : Maximum investment in a single counterparty / total assets |  |  |  |  |
| 2.14 : Maximum receivable from a single counterparty / total assets |  |  |  |  |
| 2.15 : Gross asset position in financial derivatives / capital |  |  |  |  |
| 2.16 : Gross liability position in financial derivatives / capital |  |  |  |  |
| 2.17 : Investments: distribution by type |  |  |  |  |
| 2.18 : Investments: geographical distribution |  |  |  |  |
| 2.19 : Investments: sectoral distribution |  |  |  |  |

## D3. Reinsurance

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 3.01 : Risk retention ratio [FSI] |  |  |  |
| 3.02 : (Reinsurance recoveries + reinsurance commissions) / reinsurance ceded |  |  |  |
| 3.03 : Maximum exposure to single risk / capital |  |  |  |
| 3.04 : Maximum exposure to single event / capital |  |  |  |
| 3.05 : Maximum premium ceded to a single reinsurer / gross written premium |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 3.01 : Risk retention ratio [FSI] |  |  |  |  |  |
| 3.02 : (Reinsurance recoveries + reinsurance commissions) / reinsurance ceded |  |  |  |  |  |
| 3.03 : Maximum exposure to single risk / capital |  |  |  |  |  |
| 3.04 : Maximum exposure to single event / capital |  |  |  |  |  |
| 3.05 : Maximum premium ceded to a single reinsurer / gross written premium |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 3.01 : Risk retention ratio [FSI] |  |  |  |  |
| 3.02 : (Reinsurance recoveries + reinsurance commissions) / reinsurance ceded |  |  |  |  |
| 3.03 : Maximum exposure to single risk / capital |  |  |  |  |
| 3.04 : Maximum exposure to single event / capital |  |  |  |  |
| 3.05 : Maximum premium ceded to a single reinsurer / gross written premium |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 3.01 : Risk retention ratio [FSI] |  |  |  |
| 3.02 : (Reinsurance recoveries + reinsurance commissions) / reinsurance ceded |  |  |  |
| 3.03 : Maximum exposure to single risk / capital |  |  |  |
| 3.04 : Maximum exposure to single event / capital |  |  |  |
| 3.05 : Maximum premium ceded to a single reinsurer / gross written premium |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 3.01 : Risk retention ratio [FSI] |  |  |  |  |  |  |
| 3.02 : (Reinsurance recoveries + reinsurance commissions) / reinsurance ceded |  |  |  |  |  |  |
| 3.03 : Maximum exposure to single risk / capital |  |  |  |  |  |  |
| 3.04 : Maximum exposure to single event / capital |  |  |  |  |  |  |
| 3.05 : Maximum premium ceded to a single reinsurer / gross written premium |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 3.01 : Risk retention ratio [FSI] |  |  |  |  |
| 3.02 : (Reinsurance recoveries + reinsurance commissions) / reinsurance ceded |  |  |  |  |
| 3.03 : Maximum exposure to single risk / capital |  |  |  |  |
| 3.04 : Maximum exposure to single event / capital |  |  |  |  |
| 3.05 : Maximum premium ceded to a single reinsurer / gross written premium |  |  |  |  |

## D4. Actuarial Provisions

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 4.01 : Net claims provisions / average of net claims paid in last three years |  |  |  |
| 4.02 : Net technical provisions / average of net written premium in last three years |  |  |  |
| 4.03 : Net claims provisions / capital |  |  |  |
| 4.04 : Claims development |  |  |  |
| 4.05 : Underwritten business: distribution by class of business |  |  |  |
| 4.06 : Underwritten business: geographical distribution |  |  |  |
| 4.07 : Underwritten business: sectoral distribution |  |  |  |
| 4.08 : Actuarial assumption: short-term interest rate |  |  |  |
| 4.09 : Actuarial assumption: long-term interest rate |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 4.01 : Net claims provisions / average of net claims paid in last three years |  |  |  |  |  |
| 4.02 : Net technical provisions / average of net written premium in last three years |  |  |  |  |  |
| 4.03 : Net claims provisions / capital |  |  |  |  |  |
| 4.04 : Claims development |  |  |  |  |  |
| 4.05 : Underwritten business: distribution by class of business |  |  |  |  |  |
| 4.06 : Underwritten business: geographical distribution |  |  |  |  |  |
| 4.07 : Underwritten business: sectoral distribution |  |  |  |  |  |
| 4.08 : Actuarial assumption: short-term interest rate |  |  |  |  |  |
| 4.09 : Actuarial assumption: long-term interest rate |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 4.01 : Net claims provisions / average of net claims paid in last three years |  |  |  |  |
| 4.02 : Net technical provisions / average of net written premium in last three years |  |  |  |  |
| 4.03 : Net claims provisions / capital |  |  |  |  |
| 4.04 : Claims development |  |  |  |  |
| 4.05 : Underwritten business: distribution by class of business |  |  |  |  |
| 4.06 : Underwritten business: geographical distribution |  |  |  |  |
| 4.07 : Underwritten business: sectoral distribution |  |  |  |  |
| 4.08 : Actuarial assumption: short-term interest rate |  |  |  |  |
| 4.09 : Actuarial assumption: long-term interest rate |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 4.01 : Net claims provisions / average of net claims paid in last three years |  |  |  |
| 4.02 : Net technical provisions / average of net written premium in last three years |  |  |  |
| 4.03 : Net claims provisions / capital |  |  |  |
| 4.04 : Claims development |  |  |  |
| 4.05 : Underwritten business: distribution by class of business |  |  |  |
| 4.06 : Underwritten business: geographical distribution |  |  |  |
| 4.07 : Underwritten business: sectoral distribution |  |  |  |
| 4.08 : Actuarial assumption: short-term interest rate |  |  |  |
| 4.09 : Actuarial assumption: long-term interest rate |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 4.01 : Net claims provisions / average of net claims paid in last three years |  |  |  |  |  |  |
| 4.02 : Net technical provisions / average of net written premium in last three years |  |  |  |  |  |  |
| 4.03 : Net claims provisions / capital |  |  |  |  |  |  |
| 4.04 : Claims development |  |  |  |  |  |  |
| 4.05 : Underwritten business: distribution by class of business |  |  |  |  |  |  |
| 4.06 : Underwritten business: geographical distribution |  |  |  |  |  |  |
| 4.07 : Underwritten business: sectoral distribution |  |  |  |  |  |  |
| 4.08 : Actuarial assumption: short-term interest rate |  |  |  |  |  |  |
| 4.09 : Actuarial assumption: long-term interest rate |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 4.01 : Net claims provisions / average of net claims paid in last three years |  |  |  |  |
| 4.02 : Net technical provisions / average of net written premium in last three years |  |  |  |  |
| 4.03 : Net claims provisions / capital |  |  |  |  |
| 4.04 : Claims development |  |  |  |  |
| 4.05 : Underwritten business: distribution by class of business |  |  |  |  |
| 4.06 : Underwritten business: geographical distribution |  |  |  |  |
| 4.07 : Underwritten business: sectoral distribution |  |  |  |  |
| 4.08 : Actuarial assumption: short-term interest rate |  |  |  |  |
| 4.09 : Actuarial assumption: long-term interest rate |  |  |  |  |

## D5. Management

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 5.01 : Gross written premium per employee |  |  |  |
| 5.02 : Assets per employee |  |  |  |
| 5.03 : Operating expenses / gross written premium |  |  |  |
| 5.04 : Personnel expenses / gross written premium |  |  |  |
| 5.05 : Growth in gross written premium |  |  |  |
| 5.06 : Growth in net written premium |  |  |  |
| 5.07 : Growth in total assets |  |  |  |
| 5.08 : Gross written premium / sum insured |  |  |  |
| 5.09 : Gross written premium / number of policies |  |  |  |
| 5.10 : Complaint index |  |  |  |
| 5.11 : Pay-out ratio |  |  |  |
| 5.12 : Board composition |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 5.01 : Gross written premium per employee |  |  |  |  |  |
| 5.02 : Assets per employee |  |  |  |  |  |
| 5.03 : Operating expenses / gross written premium |  |  |  |  |  |
| 5.04 : Personnel expenses / gross written premium |  |  |  |  |  |
| 5.05 : Growth in gross written premium |  |  |  |  |  |
| 5.06 : Growth in net written premium |  |  |  |  |  |
| 5.07 : Growth in total assets |  |  |  |  |  |
| 5.08 : Gross written premium / sum insured |  |  |  |  |  |
| 5.09 : Gross written premium / number of policies |  |  |  |  |  |
| 5.10 : Complaint index |  |  |  |  |  |
| 5.11 : Pay-out ratio |  |  |  |  |  |
| 5.12 : Board composition |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 5.01 : Gross written premium per employee |  |  |  |  |
| 5.02 : Assets per employee |  |  |  |  |
| 5.03 : Operating expenses / gross written premium |  |  |  |  |
| 5.04 : Personnel expenses / gross written premium |  |  |  |  |
| 5.05 : Growth in gross written premium |  |  |  |  |
| 5.06 : Growth in net written premium |  |  |  |  |
| 5.07 : Growth in total assets |  |  |  |  |
| 5.08 : Gross written premium / sum insured |  |  |  |  |
| 5.09 : Gross written premium / number of policies |  |  |  |  |
| 5.10 : Complaint index |  |  |  |  |
| 5.11 : Pay-out ratio |  |  |  |  |
| 5.12 : Board composition |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 5.01 : Gross written premium per employee |  |  |  |
| 5.02 : Assets per employee |  |  |  |
| 5.03 : Operating expenses / gross written premium |  |  |  |
| 5.04 : Personnel expenses / gross written premium |  |  |  |
| 5.05 : Growth in gross written premium |  |  |  |
| 5.06 : Growth in net written premium |  |  |  |
| 5.07 : Growth in total assets |  |  |  |
| 5.08 : Gross written premium / sum insured |  |  |  |
| 5.09 : Gross written premium / number of policies |  |  |  |
| 5.10 : Complaint index |  |  |  |
| 5.11 : Pay-out ratio |  |  |  |
| 5.12 : Board composition |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 5.01 : Gross written premium per employee |  |  |  |  |  |  |
| 5.02 : Assets per employee |  |  |  |  |  |  |
| 5.03 : Operating expenses / gross written premium |  |  |  |  |  |  |
| 5.04 : Personnel expenses / gross written premium |  |  |  |  |  |  |
| 5.05 : Growth in gross written premium |  |  |  |  |  |  |
| 5.06 : Growth in net written premium |  |  |  |  |  |  |
| 5.07 : Growth in total assets |  |  |  |  |  |  |
| 5.08 : Gross written premium / sum insured |  |  |  |  |  |  |
| 5.09 : Gross written premium / number of policies |  |  |  |  |  |  |
| 5.10 : Complaint index |  |  |  |  |  |  |
| 5.11 : Pay-out ratio |  |  |  |  |  |  |
| 5.12 : Board composition |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 5.01 : Gross written premium per employee |  |  |  |  |
| 5.02 : Assets per employee |  |  |  |  |
| 5.03 : Operating expenses / gross written premium |  |  |  |  |
| 5.04 : Personnel expenses / gross written premium |  |  |  |  |
| 5.05 : Growth in gross written premium |  |  |  |  |
| 5.06 : Growth in net written premium |  |  |  |  |
| 5.07 : Growth in total assets |  |  |  |  |
| 5.08 : Gross written premium / sum insured |  |  |  |  |
| 5.09 : Gross written premium / number of policies |  |  |  |  |
| 5.10 : Complaint index |  |  |  |  |
| 5.11 : Pay-out ratio |  |  |  |  |
| 5.12 : Board composition |  |  |  |  |

## D6. Earnings

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 6.01 : Claims ratio |  |  |  |
| 6.02 : Gross claims ratio |  |  |  |
| 6.03 : Expense ratio |  |  |  |
| 6.04 : Combined ratio |  |  |  |
| 6.05 : Investment income ratio |  |  |  |
| 6.06 : Operating ratio |  |  |  |
| 6.07 : Profitability ratio |  |  |  |
| 6.08 : Return on revenue |  |  |  |
| 6.09 : Revisions to technical provisions / technical provisions |  |  |  |
| 6.10 : Nominal net investment yield |  |  |  |
| 6.11 : Real net investment yield |  |  |  |
| 6.12 : Return on equity (ROE) [FSI] |  |  |  |
| 6.13 : Earnings per employee |  |  |  |
| 6.14 : Return on assets (ROA) [FSI] |  |  |  |
| 6.15 : Policies lapsed or surrendered / policies in force at beginning of the year |  |  |  |
| 6.16 : Market value / book value |  |  |  |
| 6.17 : Price / earnings ratio |  |  |  |
| 6.18 : Price / gross written premium |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 6.01 : Claims ratio |  |  |  |  |  |
| 6.02 : Gross claims ratio |  |  |  |  |  |
| 6.03 : Expense ratio |  |  |  |  |  |
| 6.04 : Combined ratio |  |  |  |  |  |
| 6.05 : Investment income ratio |  |  |  |  |  |
| 6.06 : Operating ratio |  |  |  |  |  |
| 6.07 : Profitability ratio |  |  |  |  |  |
| 6.08 : Return on revenue |  |  |  |  |  |
| 6.09 : Revisions to technical provisions / technical provisions |  |  |  |  |  |
| 6.10 : Nominal net investment yield |  |  |  |  |  |
| 6.11 : Real net investment yield |  |  |  |  |  |
| 6.12 : Return on equity (ROE) [FSI] |  |  |  |  |  |
| 6.13 : Earnings per employee |  |  |  |  |  |
| 6.14 : Return on assets (ROA) [FSI] |  |  |  |  |  |
| 6.15 : Policies lapsed or surrendered / policies in force at beginning of the year |  |  |  |  |  |
| 6.16 : Market value / book value |  |  |  |  |  |
| 6.17 : Price / earnings ratio |  |  |  |  |  |
| 6.18 : Price / gross written premium |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 6.01 : Claims ratio |  |  |  |  |
| 6.02 : Gross claims ratio |  |  |  |  |
| 6.03 : Expense ratio |  |  |  |  |
| 6.04 : Combined ratio |  |  |  |  |
| 6.05 : Investment income ratio |  |  |  |  |
| 6.06 : Operating ratio |  |  |  |  |
| 6.07 : Profitability ratio |  |  |  |  |
| 6.08 : Return on revenue |  |  |  |  |
| 6.09 : Revisions to technical provisions / technical provisions |  |  |  |  |
| 6.10 : Nominal net investment yield |  |  |  |  |
| 6.11 : Real net investment yield |  |  |  |  |
| 6.12 : Return on equity (ROE) [FSI] |  |  |  |  |
| 6.13 : Earnings per employee |  |  |  |  |
| 6.14 : Return on assets (ROA) [FSI] |  |  |  |  |
| 6.15 : Policies lapsed or surrendered / policies in force at beginning of the year |  |  |  |  |
| 6.16 : Market value / book value |  |  |  |  |
| 6.17 : Price / earnings ratio |  |  |  |  |
| 6.18 : Price / gross written premium |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 6.01 : Claims ratio |  |  |  |
| 6.02 : Gross claims ratio |  |  |  |
| 6.03 : Expense ratio |  |  |  |
| 6.04 : Combined ratio |  |  |  |
| 6.05 : Investment income ratio |  |  |  |
| 6.06 : Operating ratio |  |  |  |
| 6.07 : Profitability ratio |  |  |  |
| 6.08 : Return on revenue |  |  |  |
| 6.09 : Revisions to technical provisions / technical provisions |  |  |  |
| 6.10 : Nominal net investment yield |  |  |  |
| 6.11 : Real net investment yield |  |  |  |
| 6.12 : Return on equity (ROE) [FSI] |  |  |  |
| 6.13 : Earnings per employee |  |  |  |
| 6.14 : Return on assets (ROA) [FSI] |  |  |  |
| 6.15 : Policies lapsed or surrendered / policies in force at beginning of the year |  |  |  |
| 6.16 : Market value / book value |  |  |  |
| 6.17 : Price / earnings ratio |  |  |  |
| 6.18 : Price / gross written premium |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 6.01 : Claims ratio |  |  |  |  |  |  |
| 6.02 : Gross claims ratio |  |  |  |  |  |  |
| 6.03 : Expense ratio |  |  |  |  |  |  |
| 6.04 : Combined ratio |  |  |  |  |  |  |
| 6.05 : Investment income ratio |  |  |  |  |  |  |
| 6.06 : Operating ratio |  |  |  |  |  |  |
| 6.07 : Profitability ratio |  |  |  |  |  |  |
| 6.08 : Return on revenue |  |  |  |  |  |  |
| 6.09 : Revisions to technical provisions / technical provisions |  |  |  |  |  |  |
| 6.10 : Nominal net investment yield |  |  |  |  |  |  |
| 6.11 : Real net investment yield |  |  |  |  |  |  |
| 6.12 : Return on equity (ROE) [FSI] |  |  |  |  |  |  |
| 6.13 : Earnings per employee |  |  |  |  |  |  |
| 6.14 : Return on assets (ROA) [FSI] |  |  |  |  |  |  |
| 6.15 : Policies lapsed or surrendered / policies in force at beginning of the year |  |  |  |  |  |  |
| 6.16 : Market value / book value |  |  |  |  |  |  |
| 6.17 : Price / earnings ratio |  |  |  |  |  |  |
| 6.18 : Price / gross written premium |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 6.01 : Claims ratio |  |  |  |  |
| 6.02 : Gross claims ratio |  |  |  |  |
| 6.03 : Expense ratio |  |  |  |  |
| 6.04 : Combined ratio |  |  |  |  |
| 6.05 : Investment income ratio |  |  |  |  |
| 6.06 : Operating ratio |  |  |  |  |
| 6.07 : Profitability ratio |  |  |  |  |
| 6.08 : Return on revenue |  |  |  |  |
| 6.09 : Revisions to technical provisions / technical provisions |  |  |  |  |
| 6.10 : Nominal net investment yield |  |  |  |  |
| 6.11 : Real net investment yield |  |  |  |  |
| 6.12 : Return on equity (ROE) [FSI] |  |  |  |  |
| 6.13 : Earnings per employee |  |  |  |  |
| 6.14 : Return on assets (ROA) [FSI] |  |  |  |  |
| 6.15 : Policies lapsed or surrendered / policies in force at beginning of the year |  |  |  |  |
| 6.16 : Market value / book value |  |  |  |  |
| 6.17 : Price / earnings ratio |  |  |  |  |
| 6.18 : Price / gross written premium |  |  |  |  |

## D7. Liquidity and Asset-Liability Management

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 7.01 : Liquid assets / current liabilities |  |  |  |
| 7.02 : Liquid assets / total liabilities |  |  |  |
| 7.03 : Liquid assets / total assets |  |  |  |
| 7.04 : Liquid liabilities / total liabilities |  |  |  |
| 7.05 : Net open foreign exchange position / capital |  |  |  |
| 7.06 : Duration of assets / duration of liabilities |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 7.01 : Liquid assets / current liabilities |  |  |  |  |  |
| 7.02 : Liquid assets / total liabilities |  |  |  |  |  |
| 7.03 : Liquid assets / total assets |  |  |  |  |  |
| 7.04 : Liquid liabilities / total liabilities |  |  |  |  |  |
| 7.05 : Net open foreign exchange position / capital |  |  |  |  |  |
| 7.06 : Duration of assets / duration of liabilities |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 7.01 : Liquid assets / current liabilities |  |  |  |  |
| 7.02 : Liquid assets / total liabilities |  |  |  |  |
| 7.03 : Liquid assets / total assets |  |  |  |  |
| 7.04 : Liquid liabilities / total liabilities |  |  |  |  |
| 7.05 : Net open foreign exchange position / capital |  |  |  |  |
| 7.06 : Duration of assets / duration of liabilities |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 7.01 : Liquid assets / current liabilities |  |  |  |
| 7.02 : Liquid assets / total liabilities |  |  |  |
| 7.03 : Liquid assets / total assets |  |  |  |
| 7.04 : Liquid liabilities / total liabilities |  |  |  |
| 7.05 : Net open foreign exchange position / capital |  |  |  |
| 7.06 : Duration of assets / duration of liabilities |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 7.01 : Liquid assets / current liabilities |  |  |  |  |  |  |
| 7.02 : Liquid assets / total liabilities |  |  |  |  |  |  |
| 7.03 : Liquid assets / total assets |  |  |  |  |  |  |
| 7.04 : Liquid liabilities / total liabilities |  |  |  |  |  |  |
| 7.05 : Net open foreign exchange position / capital |  |  |  |  |  |  |
| 7.06 : Duration of assets / duration of liabilities |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 7.01 : Liquid assets / current liabilities |  |  |  |  |
| 7.02 : Liquid assets / total liabilities |  |  |  |  |
| 7.03 : Liquid assets / total assets |  |  |  |  |
| 7.04 : Liquid liabilities / total liabilities |  |  |  |  |
| 7.05 : Net open foreign exchange position / capital |  |  |  |  |
| 7.06 : Duration of assets / duration of liabilities |  |  |  |  |

## D8. Subsidiaries, Related Parties, Groups

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 8.01 : Group debtors / total assets |  |  |  |
| 8.02 : Related party receivables / total assets |  |  |  |
| 8.03 : Due to related parties / total assets |  |  |  |
| 8.04 : (Investments in related parties + related party receivables) / total assets |  |  |  |
| 8.05 : (Investments by related parties + due to related parties) / total assets |  |  |  |
| 8.06 : (Revenues from related parties + expenditures to related parties) / (total revenues + total expenditures) |  |  |  |
| 8.07 : Group (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |
| 8.08 : Related party (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 8.01 : Group debtors / total assets |  |  |  |  |  |
| 8.02 : Related party receivables / total assets |  |  |  |  |  |
| 8.03 : Due to related parties / total assets |  |  |  |  |  |
| 8.04 : (Investments in related parties + related party receivables) / total assets |  |  |  |  |  |
| 8.05 : (Investments by related parties + due to related parties) / total assets |  |  |  |  |  |
| 8.06 : (Revenues from related parties + expenditures to related parties) / (total revenues + total expenditures) |  |  |  |  |  |
| 8.07 : Group (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |  |
| 8.08 : Related party (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 8.01 : Group debtors / total assets |  |  |  |  |
| 8.02 : Related party receivables / total assets |  |  |  |  |
| 8.03 : Due to related parties / total assets |  |  |  |  |
| 8.04 : (Investments in related parties + related party receivables) / total assets |  |  |  |  |
| 8.05 : (Investments by related parties + due to related parties) / total assets |  |  |  |  |
| 8.06 : (Revenues from related parties + expenditures to related parties) / (total revenues + total expenditures) |  |  |  |  |
| 8.07 : Group (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |
| 8.08 : Related party (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 8.01 : Group debtors / total assets |  |  |  |
| 8.02 : Related party receivables / total assets |  |  |  |
| 8.03 : Due to related parties / total assets |  |  |  |
| 8.04 : (Investments in related parties + related party receivables) / total assets |  |  |  |
| 8.05 : (Investments by related parties + due to related parties) / total assets |  |  |  |
| 8.06 : (Revenues from related parties + expenditures to related parties) / (total revenues + total expenditures) |  |  |  |
| 8.07 : Group (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |
| 8.08 : Related party (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 8.01 : Group debtors / total assets |  |  |  |  |  |  |
| 8.02 : Related party receivables / total assets |  |  |  |  |  |  |
| 8.03 : Due to related parties / total assets |  |  |  |  |  |  |
| 8.04 : (Investments in related parties + related party receivables) / total assets |  |  |  |  |  |  |
| 8.05 : (Investments by related parties + due to related parties) / total assets |  |  |  |  |  |  |
| 8.06 : (Revenues from related parties + expenditures to related parties) / (total revenues + total expenditures) |  |  |  |  |  |  |
| 8.07 : Group (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |  |  |
| 8.08 : Related party (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 8.01 : Group debtors / total assets |  |  |  |  |
| 8.02 : Related party receivables / total assets |  |  |  |  |
| 8.03 : Due to related parties / total assets |  |  |  |  |
| 8.04 : (Investments in related parties + related party receivables) / total assets |  |  |  |  |
| 8.05 : (Investments by related parties + due to related parties) / total assets |  |  |  |  |
| 8.06 : (Revenues from related parties + expenditures to related parties) / (total revenues + total expenditures) |  |  |  |  |
| 8.07 : Group (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |
| 8.08 : Related party (gross written premium + paid claims) / total (gross written premium + paid claims) |  |  |  |  |

## D9. Industry-wide

1. Does YOUR AUTHORITY use the following FHSIs?

|  | 1. Yes, as described | 2. An arithmetic transformation is used | 3. No |
| --- | --- | --- | --- |
| 9.01 : Assets / total financial system assets [FSI] |  |  |  |
| 9.02 : Assets / gross domestic product [FSI] |  |  |  |
| 9.03 : Penetration |  |  |  |
| 9.04 : Density |  |  |  |
| 9.05 : Density - in USD |  |  |  |
| 9.06 : Concentration ratio |  |  |  |
| 9.07 : Herfindahl-Hirschman Index |  |  |  |
| 9.08 : Assets lost during the previous 5 years / average assets |  |  |  |

1. What are the views of YOUR AUTHORITY about the usefulness of the following FHSIs (or arithmetic transformations of them)?

|  | 1. We use it, and find it useful | 2. We use it, but do not find it very useful | 3. We do not use it, because we use other FHSIs that provide similar information | 4. We do not use it, but it seems like it might be useful | 5. We do not use it, and it does not seem like it would be very useful |
| --- | --- | --- | --- | --- | --- |
| 9.01 : Assets / total financial system assets [FSI] |  |  |  |  |  |
| 9.02 : Assets / gross domestic product [FSI] |  |  |  |  |  |
| 9.03 : Penetration |  |  |  |  |  |
| 9.04 : Density |  |  |  |  |  |
| 9.05 : Density - in USD |  |  |  |  |  |
| 9.06 : Concentration ratio |  |  |  |  |  |
| 9.07 : Herfindahl-Hirschman Index |  |  |  |  |  |
| 9.08 : Assets lost during the previous 5 years / average assets |  |  |  |  |  |

1. What are the views of YOUR AUTHORITY about the draft guidance that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific improvements.)

|  | 1. The guidance is sufficiently clear and detailed | 2. The guidance is unclear | 3. More detail on calculating the FHSI would be useful | 4. More guidance on interpreting the results would be useful |
| --- | --- | --- | --- | --- |
| 9.01 : Assets / total financial system assets [FSI] |  |  |  |  |
| 9.02 : Assets / gross domestic product [FSI] |  |  |  |  |
| 9.03 : Penetration |  |  |  |  |
| 9.04 : Density |  |  |  |  |
| 9.05 : Density - in USD |  |  |  |  |
| 9.06 : Concentration ratio |  |  |  |  |
| 9.07 : Herfindahl-Hirschman Index |  |  |  |  |
| 9.08 : Assets lost during the previous 5 years / average assets |  |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 4 in combination.]

Comment box:

1. What are the views of YOUR AUTHORITY about the draft mapping to risk-assessment categories that has been prepared for the following FHSIs? (More than one response may be entered, where applicable. Use the comment boxes to suggest specific changes.)

|  | 1. The mapping seems appropriate | 2. The mapping includes categories for which this FHSI is not relevant | 3. The mapping omits some categories for which this FHSI is relevant |
| --- | --- | --- | --- |
| 9.01 : Assets / total financial system assets [FSI] |  |  |  |
| 9.02 : Assets / gross domestic product [FSI] |  |  |  |
| 9.03 : Penetration |  |  |  |
| 9.04 : Density |  |  |  |
| 9.05 : Density - in USD |  |  |  |
| 9.06 : Concentration ratio |  |  |  |
| 9.07 : Herfindahl-Hirschman Index |  |  |  |
| 9.08 : Assets lost during the previous 5 years / average assets |  |  |  |

[Attach a comment box to each row in the table, columns 2 to 3 in combination.]

Comment box:

1. Which the following best describes the use of supervisory benchmarks by YOUR AUTHORITY for the following FHSIs (or arithmetic transformations of them)?

|  | 1. Benchmarks have been established, which reflect requirements of legislation | 2. Benchmarks have been established, which are largely based on experience in YOUR JURISDICTION | 3. Benchmarks have been established, which are largely based on those used by other supervisors | 4. No benchmarks are used, but it seems like they might be useful | 5. No benchmarks are used, and it does not seem like they would be very useful | 6. Not applicable, because YOUR AUTHORITY does not use this FHSI |
| --- | --- | --- | --- | --- | --- | --- |
| 9.01 : Assets / total financial system assets [FSI] |  |  |  |  |  |  |
| 9.02 : Assets / gross domestic product [FSI] |  |  |  |  |  |  |
| 9.03 : Penetration |  |  |  |  |  |  |
| 9.04 : Density |  |  |  |  |  |  |
| 9.05 : Density - in USD |  |  |  |  |  |  |
| 9.06 : Concentration ratio |  |  |  |  |  |  |
| 9.07 : Herfindahl-Hirschman Index |  |  |  |  |  |  |
| 9.08 : Assets lost during the previous 5 years / average assets |  |  |  |  |  |  |

1. If YOUR AUTHORITY has established benchmarks for the following FHSIs, what benchmarks are used for conventional insurance activities? (If the FHSI is not used by YOUR AUTHORITY or no benchmark has been established, please leave the relevant cell blank.)

|  | 1. Minimum for non-life insurance | 2. Maximum for non-life insurance | 3. Minimum for life insurance | 4. Maximum for life insurance |
| --- | --- | --- | --- | --- |
| 9.01 : Assets / total financial system assets [FSI] |  |  |  |  |
| 9.02 : Assets / gross domestic product [FSI] |  |  |  |  |
| 9.03 : Penetration |  |  |  |  |
| 9.04 : Density |  |  |  |  |
| 9.05 : Density - in USD |  |  |  |  |
| 9.06 : Concentration ratio |  |  |  |  |
| 9.07 : Herfindahl-Hirschman Index |  |  |  |  |
| 9.08 : Assets lost during the previous 5 years / average assets |  |  |  |  |

## D10. Additional FHSIs Used by Your Authority

1. If YOUR AUTHORITY uses FHSIs other than those listed anywhere in the draft guidance, please provide the following information for each of them, to the extent it is available. (If YOUR AUTHORITY uses more than 10 additional FHSIs, please provide this information on the 10 you consider most important.)

[[Insert separate comment boxes for each of the items.]

|  | Information |
| --- | --- |
| a. Short name of the FHSI |  |
| b. Guidance on calculating the FHSI |  |
| c. Guidance on interpreting the results |  |
| d. Risk-assessment categories to which this FHSI relates (refer to the draft mapping, as well as any other categories in the risk-assessment framework of YOUR AUTHORITY) |  |
| e. Comments on the use of benchmarks for this FHSI (use, usefulness, and basis) |  |
| f. Benchmarks used, if any (minimums and maximums for non-life and life insurance) |  |

1. If YOUR AUTHORITY uses FHSIs other than those listed anywhere in the draft guidance, please provide the following information for each of them, to the extent it is available. (If YOUR AUTHORITY uses more than 10 additional FHSIs, please provide this information on the 10 you consider most important.)

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| f. Benchmarks used, if any (minimums and maximums for non-life and life insurance) |  |

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