

Data Report of DRAFT 2

**Data Review Committee – Draft 1 Data Review
October 2023
Office of Academic Standards / Healthful Living**

Data Report of DRAFT 2

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Introduction

The NC Department of Public Instruction (NCDPI) will review the standards for each content area every five-to-seven years to ensure the NCSCOS consists of clear, relevant standards and objectives. The standards review, revision, and implementation process provides a comprehensive study of each content area organized by grade level and course. The five-to-seven-year cycle allows time for review, revision, and consistent implementation of the standards.

All standards are reviewed on a perpetual cycle of five-to-seven years. The review process is designed to ensure clear, rigorous, and measurable standards that are easily understood by teachers, parents, and students, and are articulated K-12 by grade, proficiency level, and/or course. NCDPI will facilitate the standards review phase using the following steps, as appropriate:

- A. Collect and review feedback through various methods from stakeholders, including but not limited to educators, administrators, parents, community members, students, institutions of higher education, business/industry, education agencies in other states and/or national organizations for the specific content area.
- B. Analyze contemporary and current research on standards in the content area being reviewed.
- C. Establish and convene a data review committee.
- D. Facilitate the committee's review of data and research, state or federal legislative requirements, surveys, and other stakeholder feedback.
- E. Evaluate the data review committee's findings and share recommendations for standards revision with the State Board of Education.

The Data Review Committee (DRC) serves to support the review and analysis of the feedback collected. The DRC analyzes all data points for trends, themes, and ultimately recommendations for revision. DRC members use the data reporting template to organize data and corresponding recommendations. DRC members include educational leaders and community members from across the state's eight regions, with varying perspectives and experiences regarding the current Standard Course of Study. Their review of the data and recommendations helps drive the review and revision phases.

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The first draft of the proposed K-12 Healthful Living, Health and Physical Education, Standards was released on June 5th, 2023 for individual public-school units (PSUs) and stakeholder feedback in the form of surveys. Open for 105 days, they were closed on September 18th, 2023. As required by the NCSCOS internal manual, The DRC was reconvened to review and analyze feedback from the PSU and stakeholder surveys regarding the first draft of the proposed 2024 Healthful Living Standards. To support the DRC, the raw data was shared with the NCDPI Office of Learning and Recovery which provided quantitative analysis of the feedback which is shared below.

How to read/use this report

This report is set up based on the methods and approaches utilized to gather feedback from stakeholders across North Carolina. The report is separated into sections aligned to quantitative data compiled from surveys released to PSUs and the general public.

The first section, methodology, will provide DRC members with an overview of how data was gathered, from who, and when. It will also provide an explanation of how the data was analyzed and prepared for review. The actual data, and initial analysis, are found in the second section. DRC members will use this information and then determine conclusions and recommendations. The information in these sections was prepared prior to the DRC meeting through collaboration of the Office of Academic Standards and the Office of Learning Recovery.

The final two sections (Conclusions and Recommendations) are completed by the DRC team members based on trends identified in the findings and research provided.

The Scope of Work / The Task

The DRC followed the prescribed steps outlined in the NC Standard Course of Study Procedures Manual. The DRC reviewed the data collected through draft one surveys. In grade bands/course groups, the DRC worked with NCDPI K-12 Healthy Schools Team to compile their recommendations for the Standards Writing Team (SWT). This could include which standards the data reflect as keep with no change, remove objective, or modify or expand/share your idea(s).

Methodology for Data Collection

Three Public School Unit (PSU) standard-by-standard surveys, two for Health Education (K-5 & 6-9) and one for Physical Education (K-9) were made available for all school districts and charter schools in North Carolina on June 5th, 2023 and closed September

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18th, 2023. A total of thirty-seven K-5 and forty-seven 6-9 respondents took part in the Health Education PSU Survey while fifty-one respondents took part in the Physical Education PSU Survey. The surveys were publicized through listservs, multiple email notifications, reminders, and phone calls.

Three All-Stakeholder standard-by-standard surveys, two for Health Education (K-5 & 6-9) and one for Physical Education (K-9) were made available for all school districts and charter schools in North Carolina on June 5th, 2023 and closed September 18th, 2023. A total of one hundred and sixty-six K-5 and two hundred and eighty-four 6-9 responses were collected for Health Education and two hundred and twenty-one responses were collected for Physical Education (K-9) representing all State Board regions. The survey was publicized through listservs, posted on the NCDPI website, multiple email notifications and reminders, and through NCDPI social media.

Quantitative Findings for Health PSU Standard-by-Standard Survey

Bar graphs represent the % of respondents that said keep with no change, modify, or expand/share your idea(s) or remove objective, for each item in each grade.

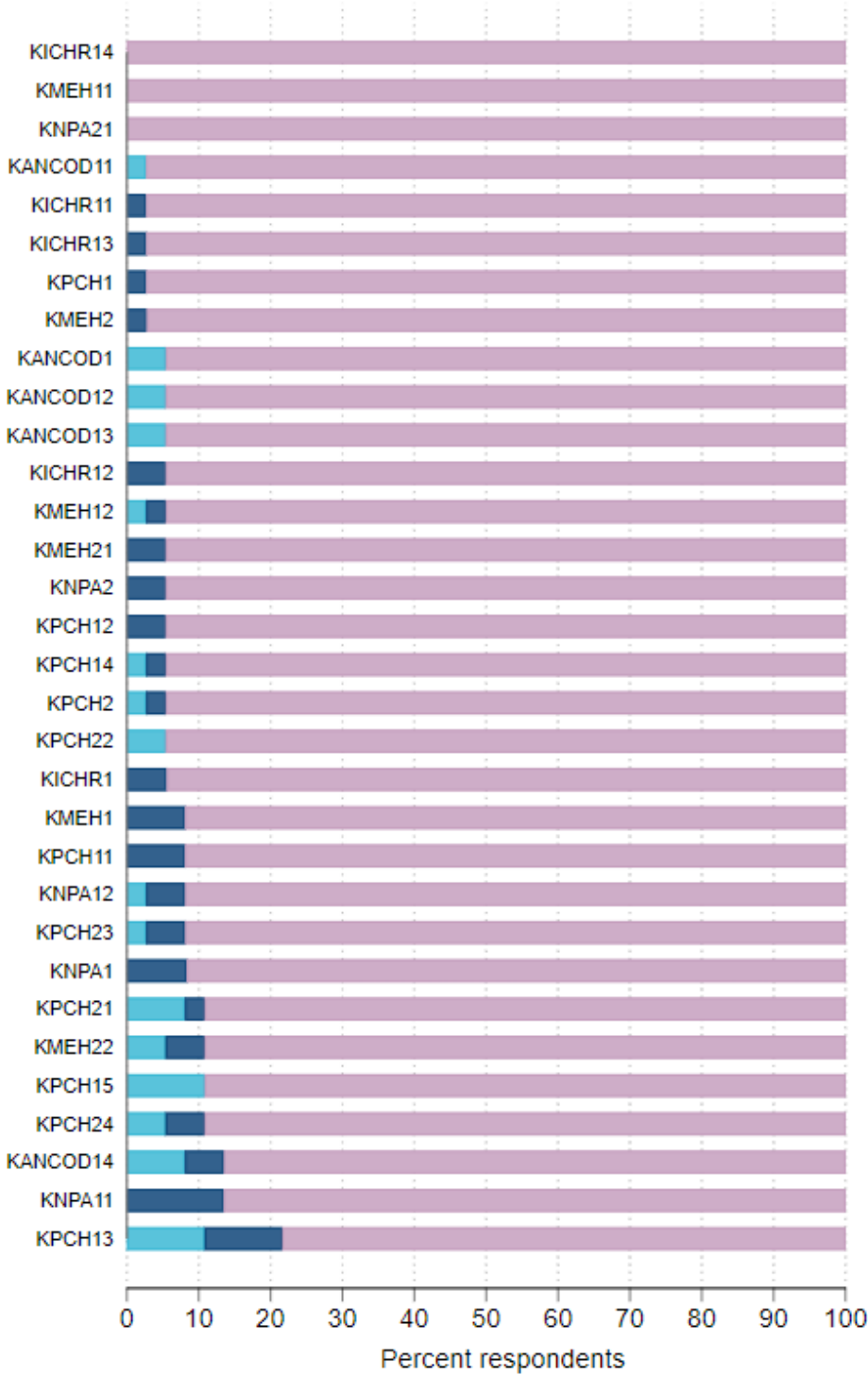
Bars are sorted according to the percent of respondents who said keep with no change, modify, or expand/share your idea(s) or remove objective.

Item codes in each bar graph match "item" within the "Health PSU Standard Survey" under columns G, H, and I. You can look there to see percent said keep with no change, modify, or expand/share your idea(s) or remove objective, as well as all comments associated with that item and the text of each objective.

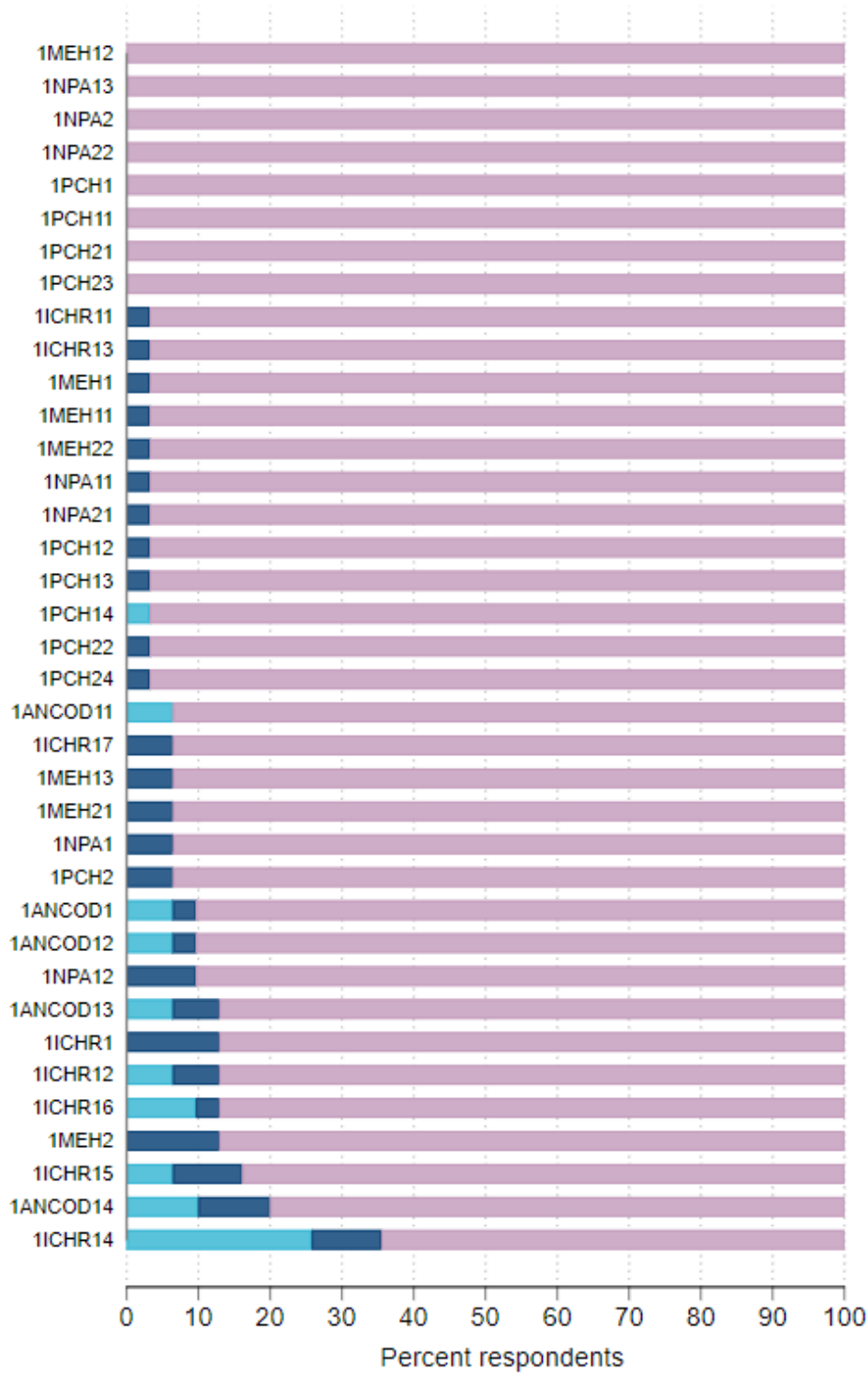
The graph represents the overall percentage of keep with no change, modify, or expand/share your idea(s) or remove objective requested within a grade level. It is sorted by least to most requested removals/changes.

The graphs will begin on the following page:

PSU, Health, Grade K

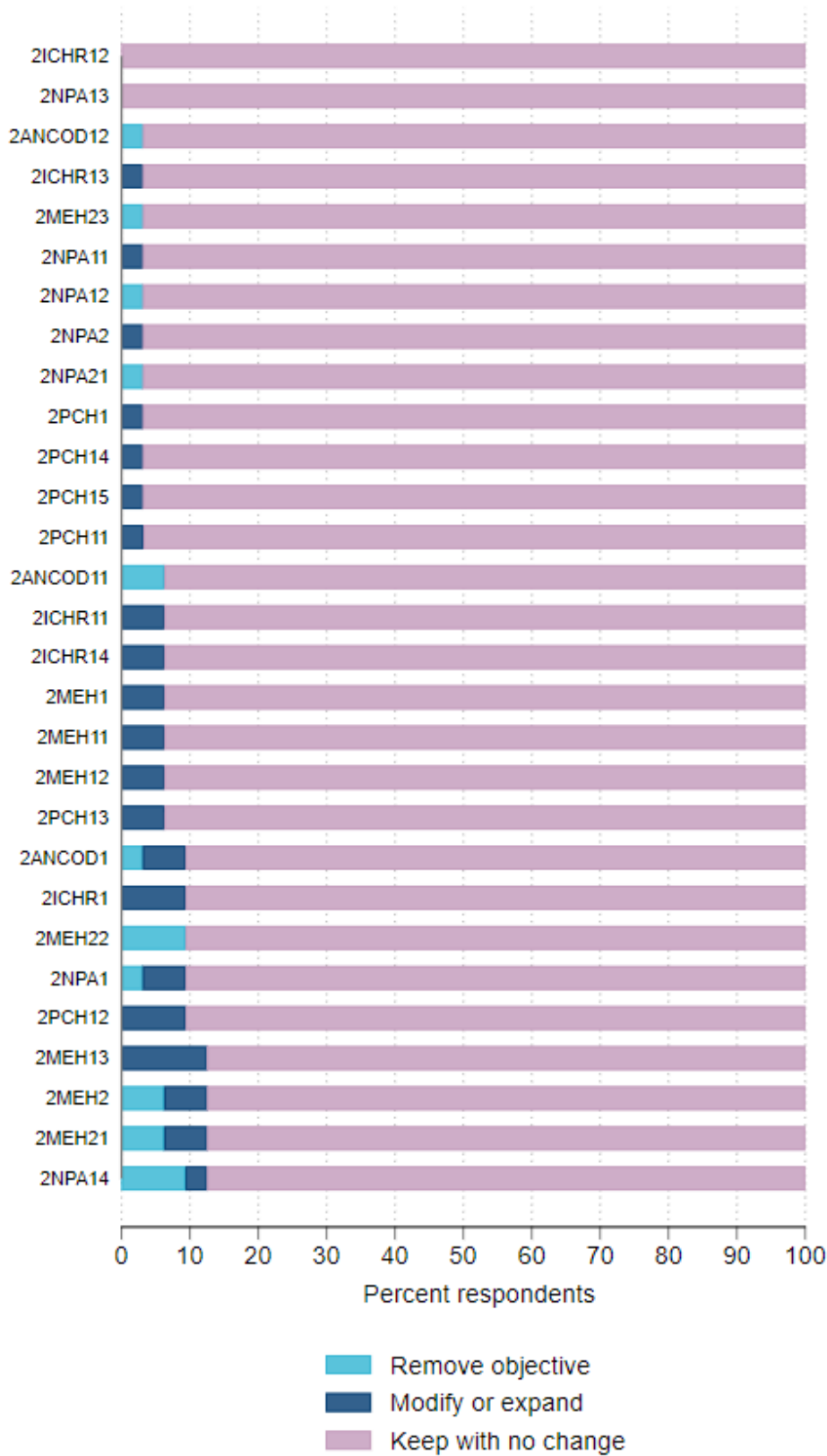


PSU, Health, Grade 1

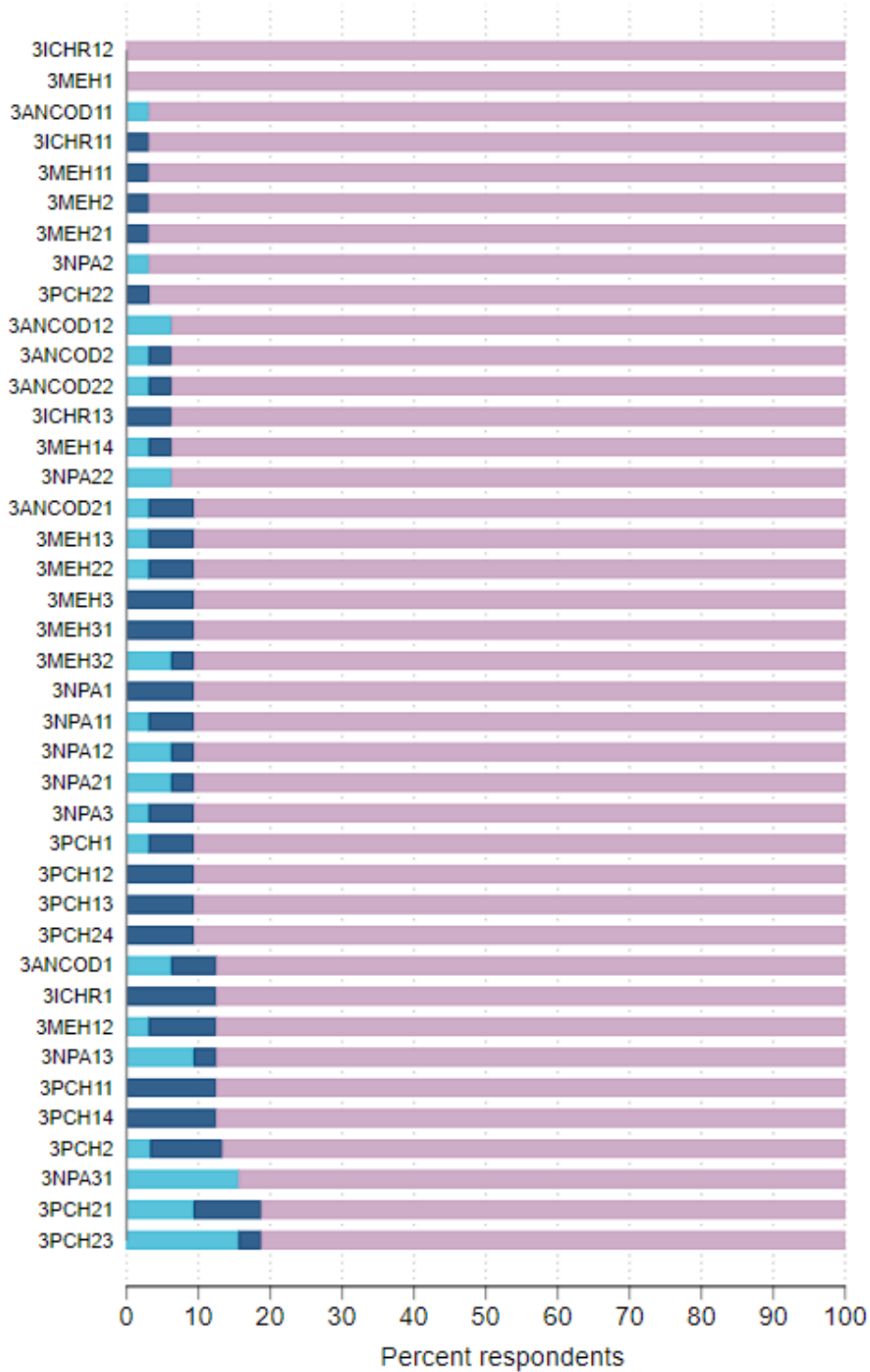


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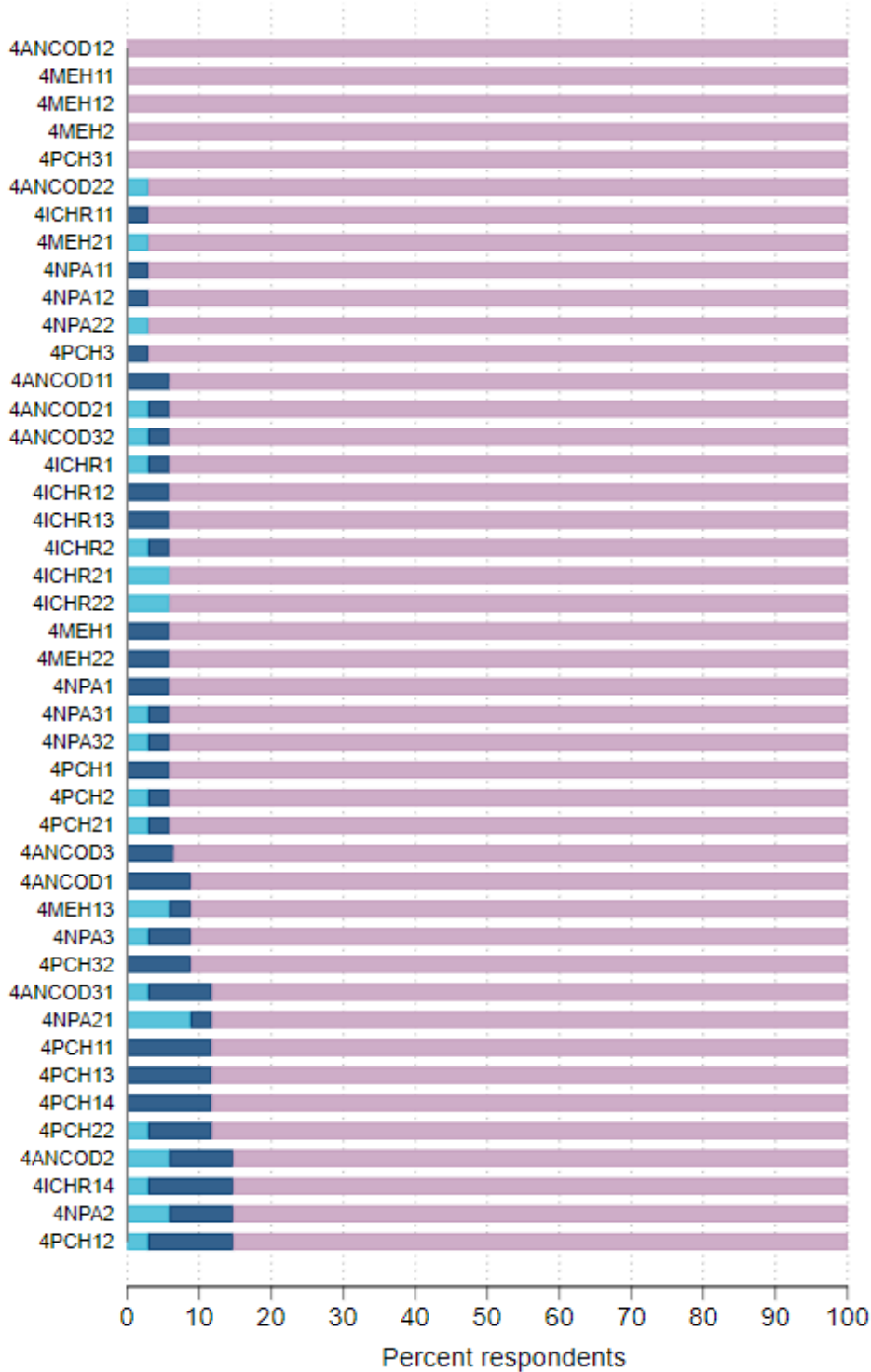
PSU, Health, Grade 2



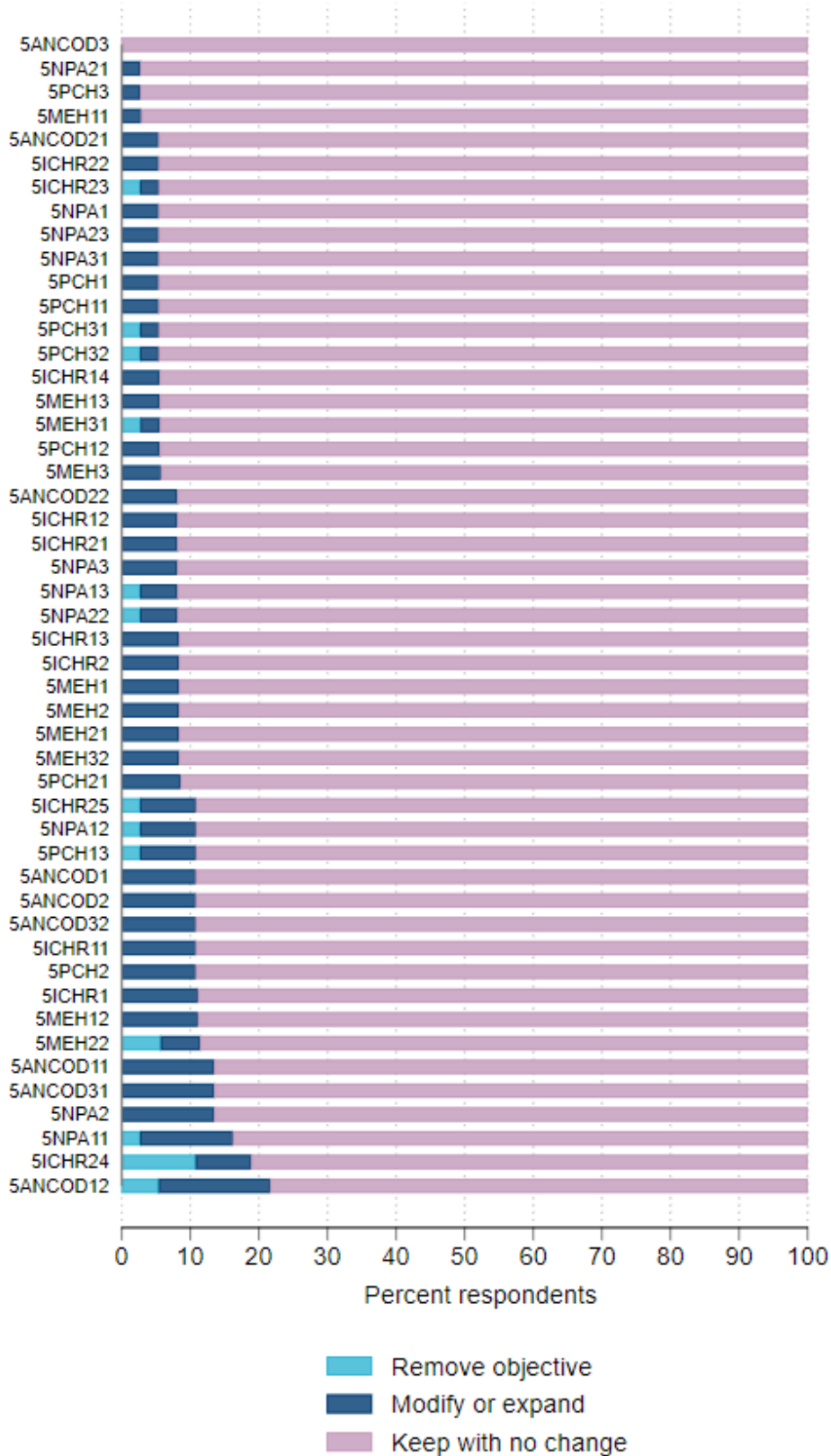
PSU, Health, Grade 3



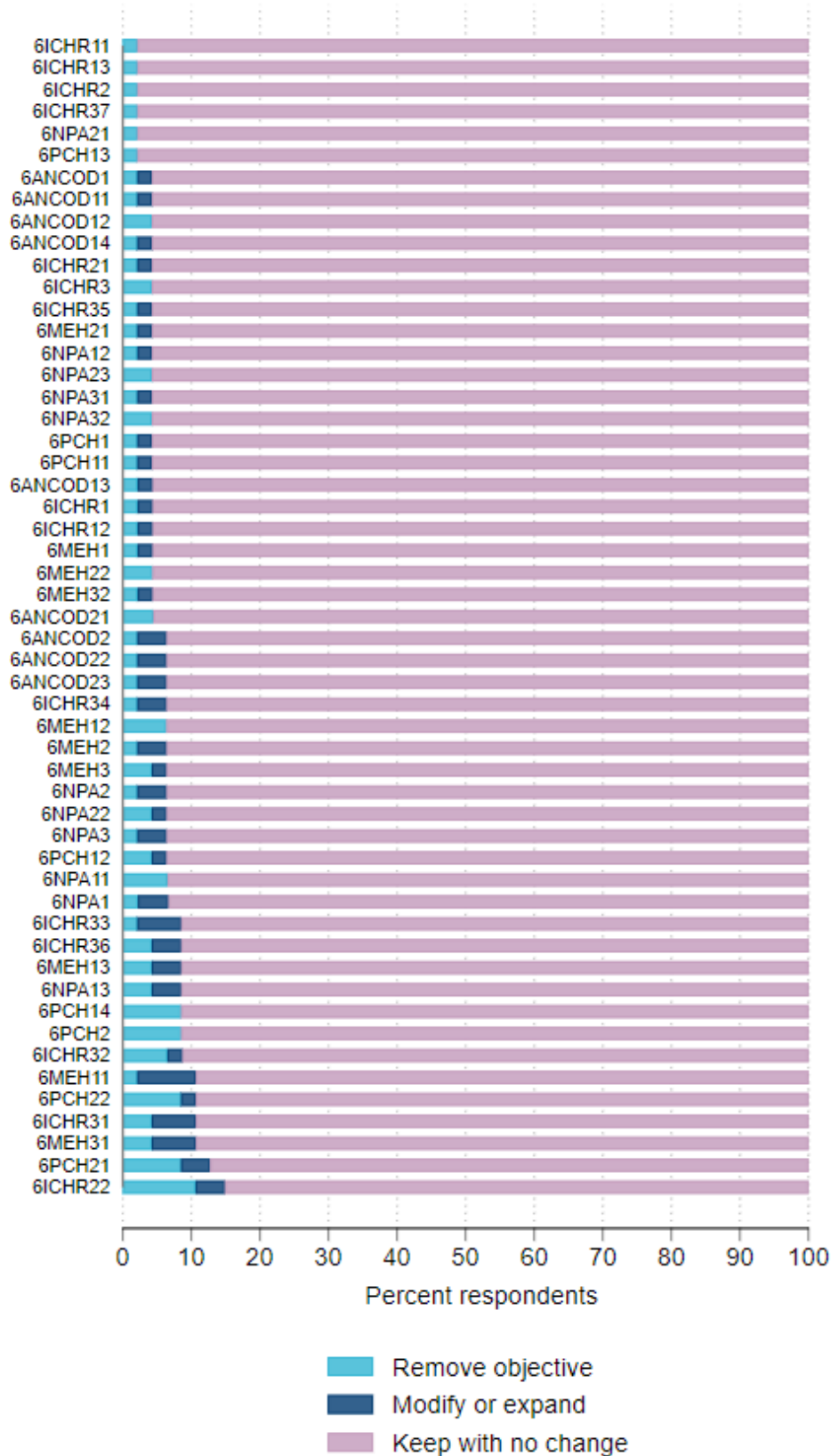
PSU, Health, Grade 4



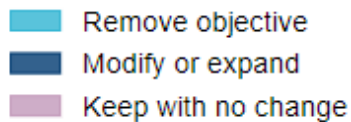
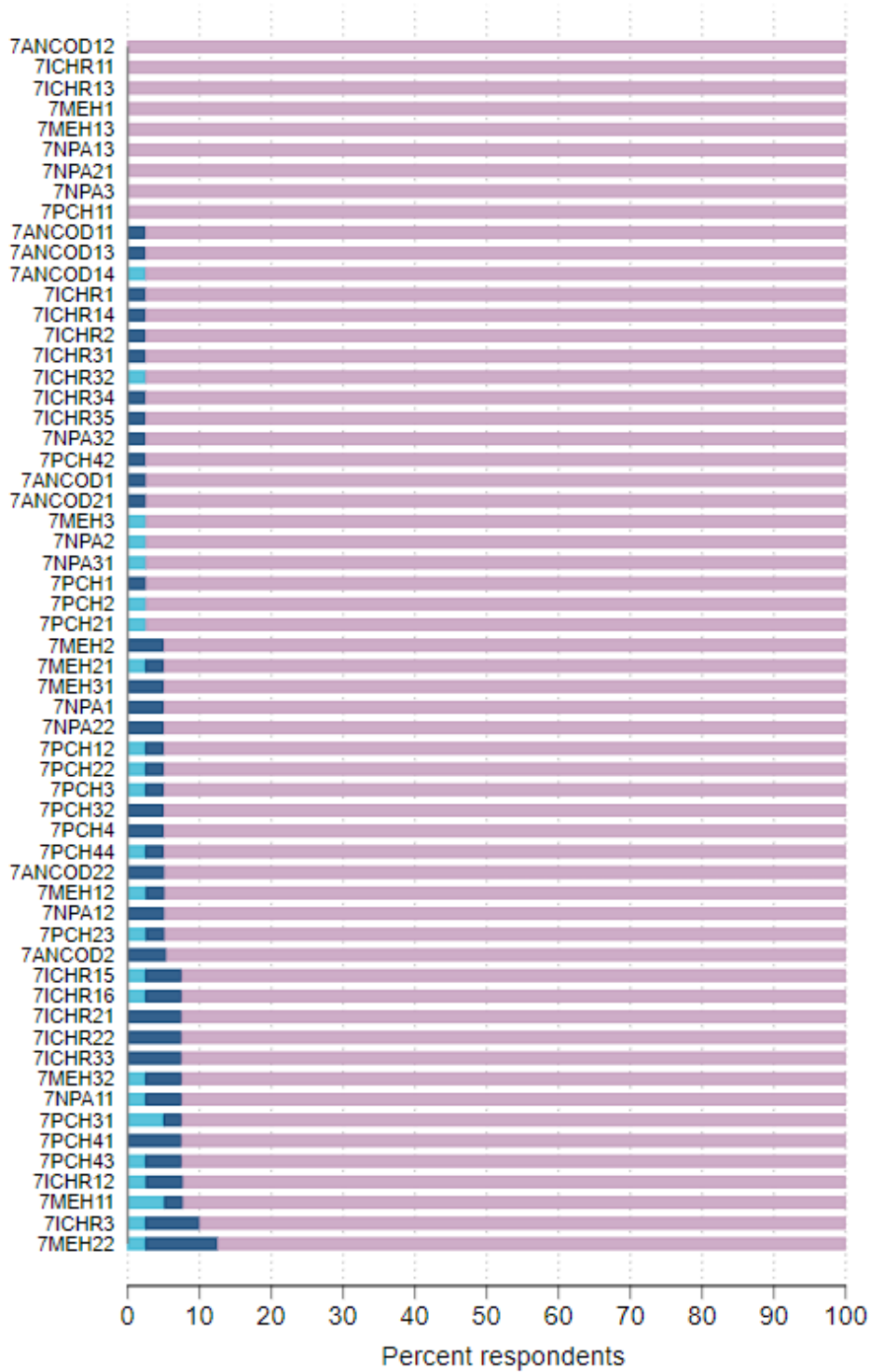
PSU, Health, Grade 5



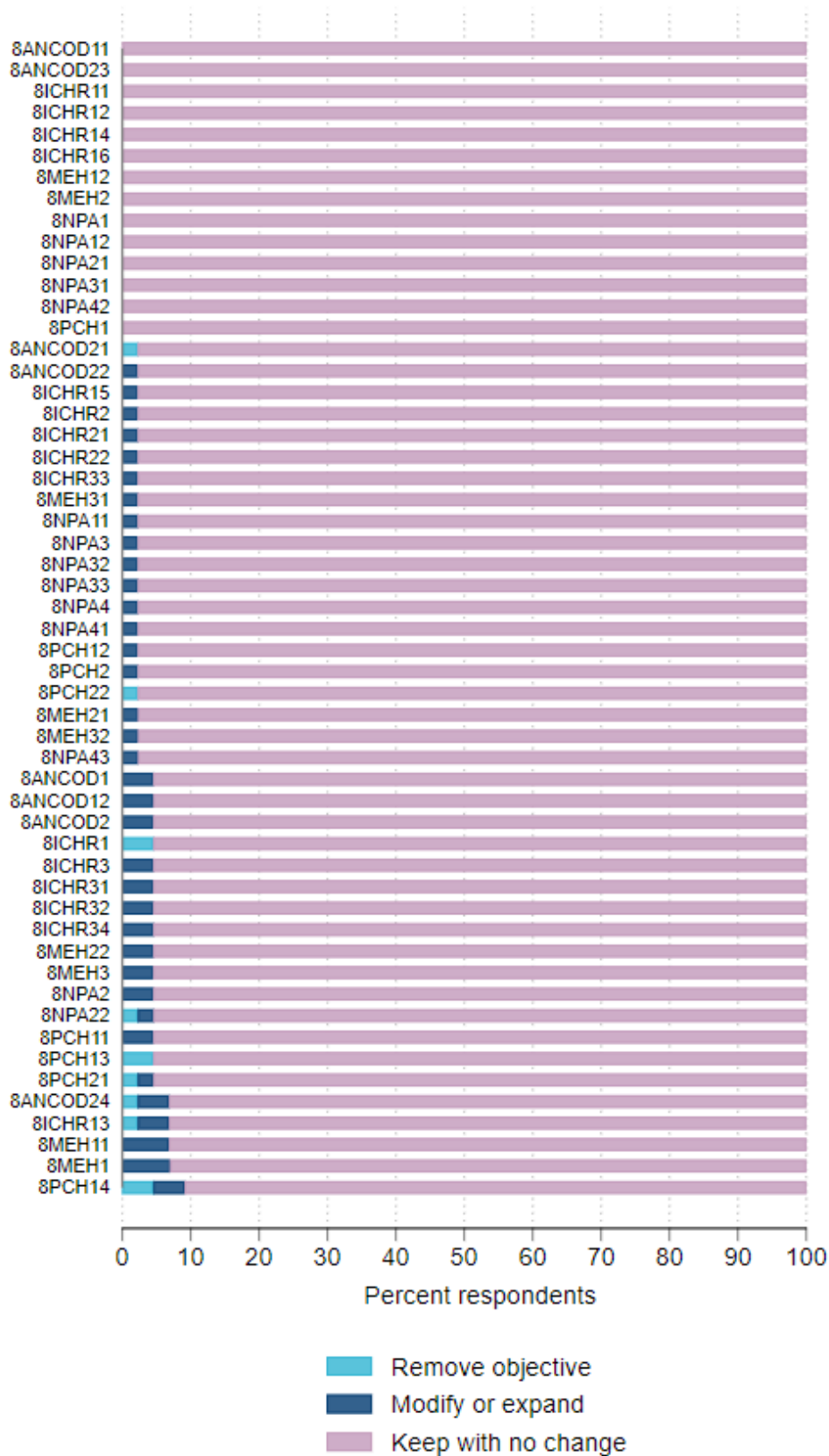
PSU, Health, Grade 6



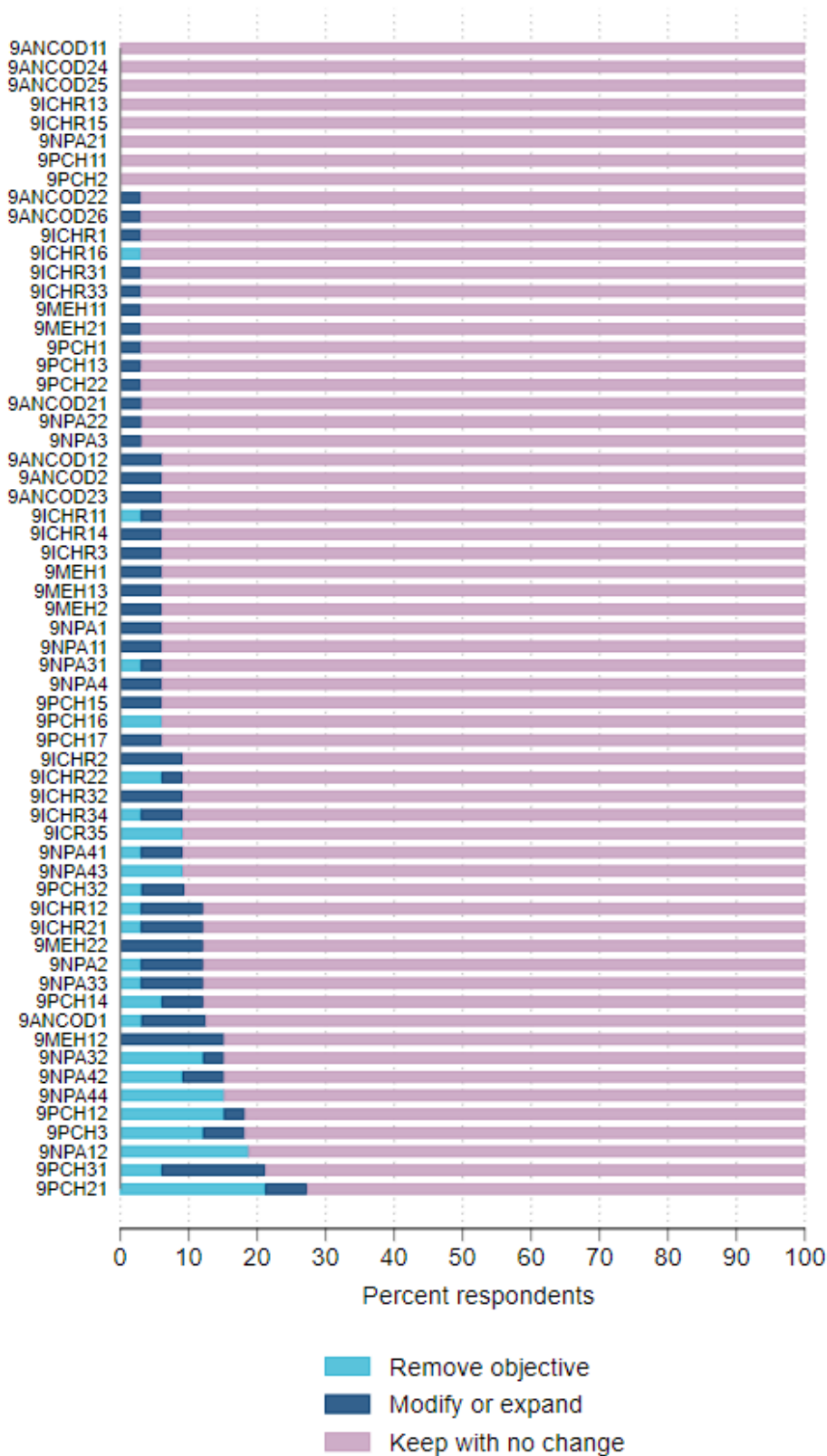
PSU, Health, Grade 7



PSU, Health, Grade 8



PSU, Health, Grade 9



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Quantitative Findings for Physical Education PSU Standard-by-Standard Survey

Bar graphs represent the % of respondents that said keep with no change, modify, or expand/share your idea(s) or remove objective, for each item in each grade.

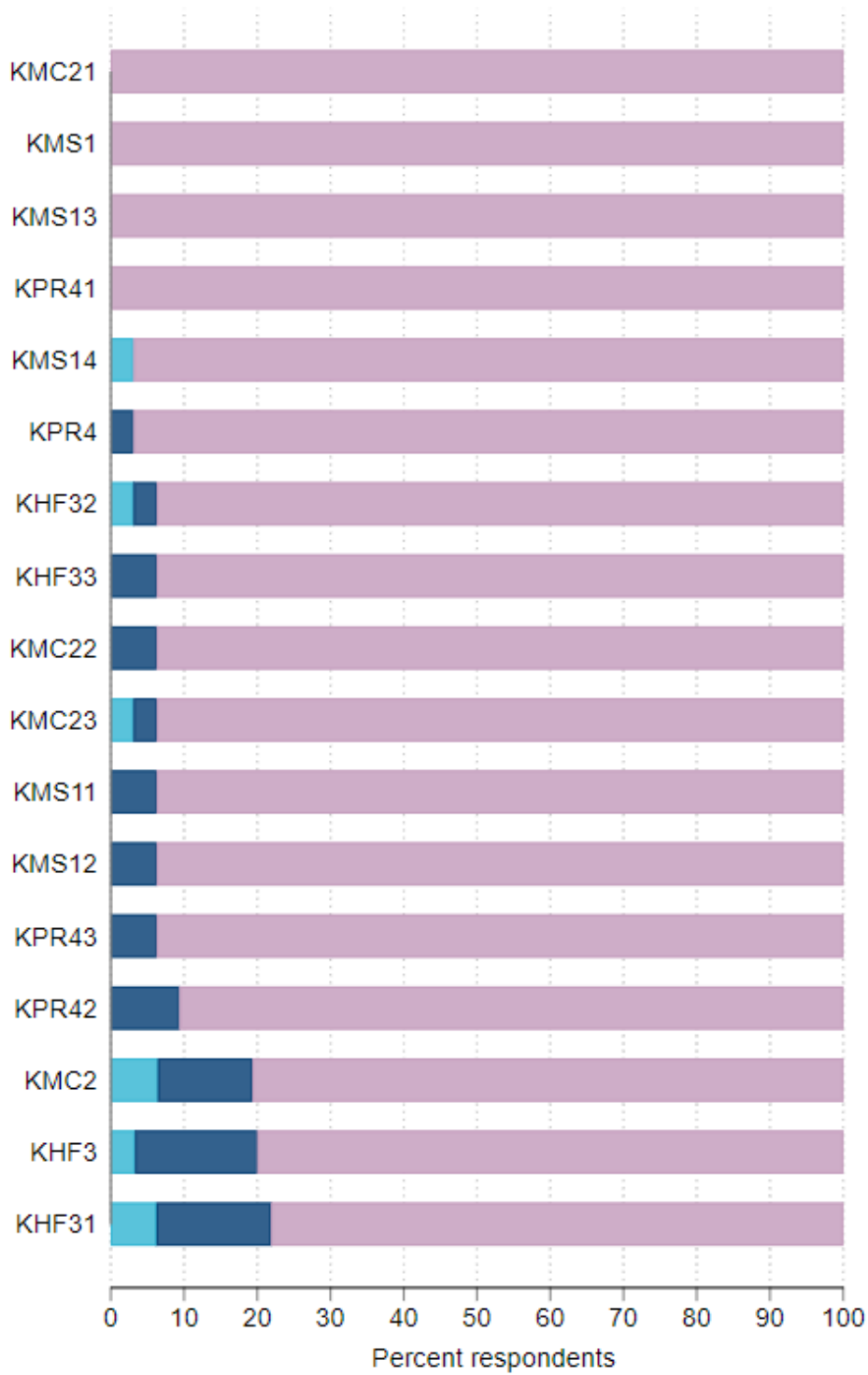
Bars are sorted according to the percent of respondents who said keep with no change, modify, or expand/share your idea(s) or remove objective.

Item codes in each bar graph match "item" within the "PE PSU Standard Survey" under columns G, H, and I. You can look there to see percent said keep with no change, modify, or expand/share your idea(s) or remove objective, as well as all comments associated with that item and the text of each objective.

The graph represents the overall percentage of keep with no change, modify, or expand/share your idea(s) or remove objective requested within a grade level. It is sorted by least to most requested removals/changes.

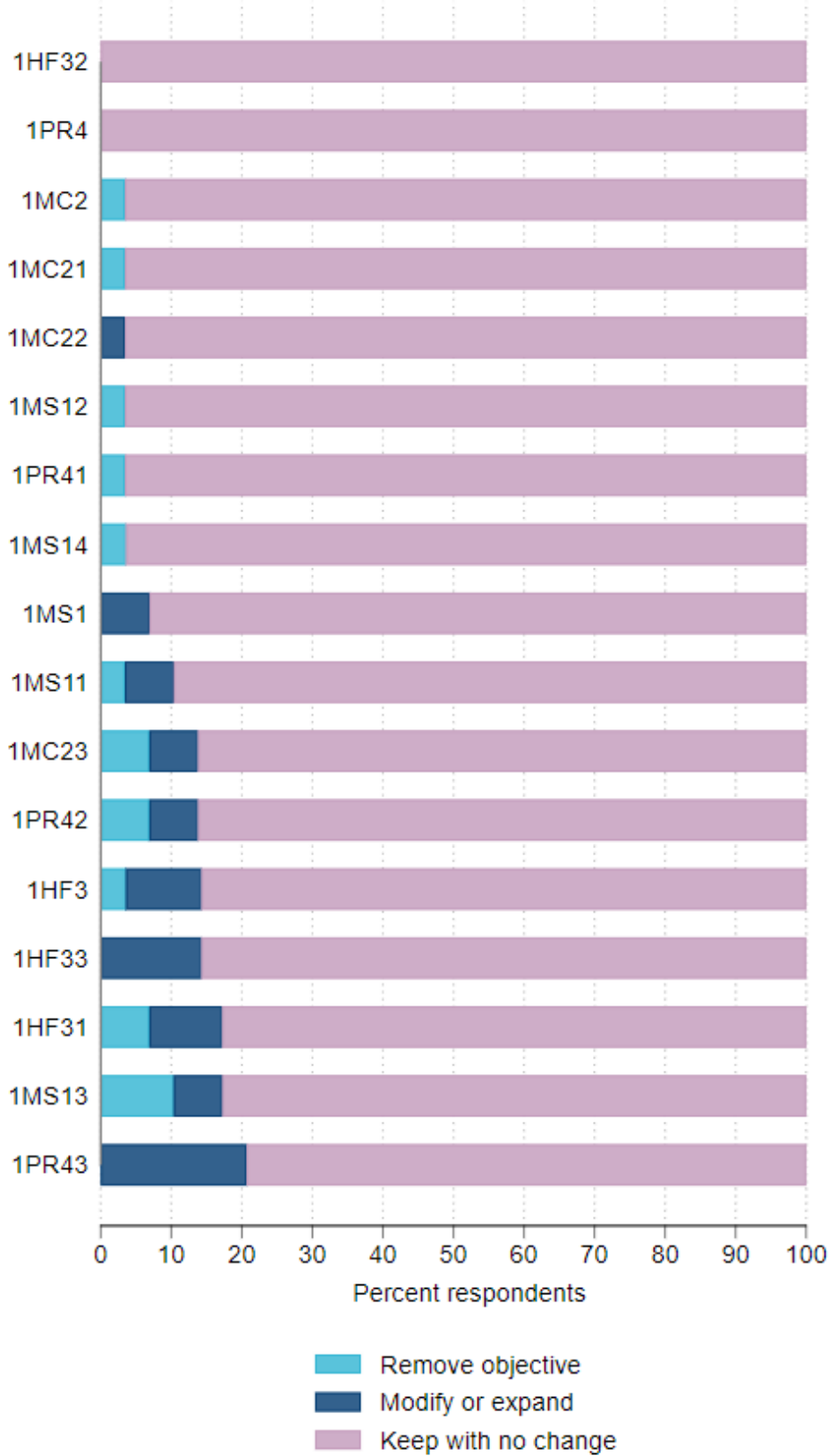
The graphs will begin on the following page:

PSU, PE, Grade K



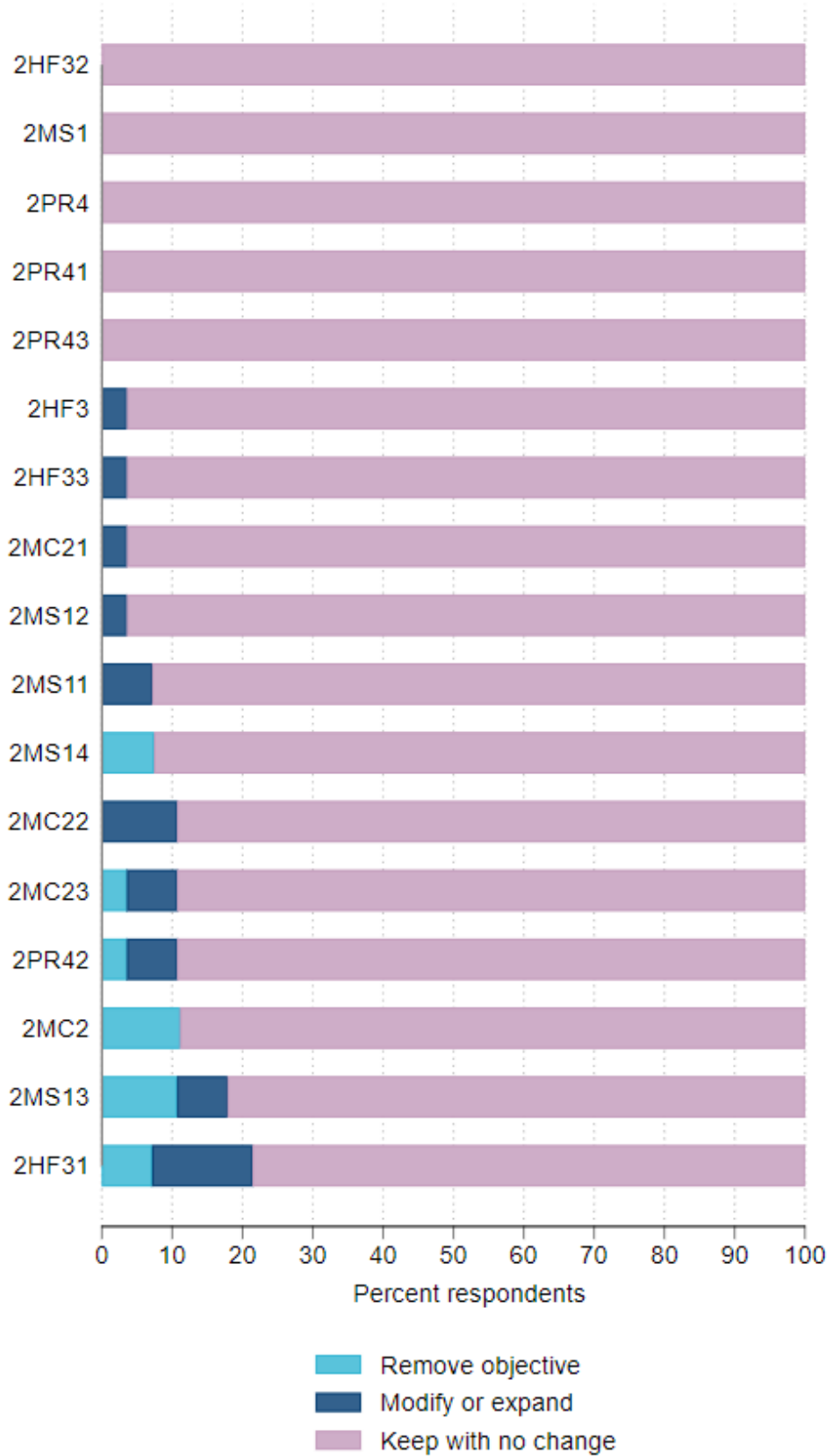
- Remove objective
- Modify or expand
- Keep with no change

PSU, PE, Grade 1



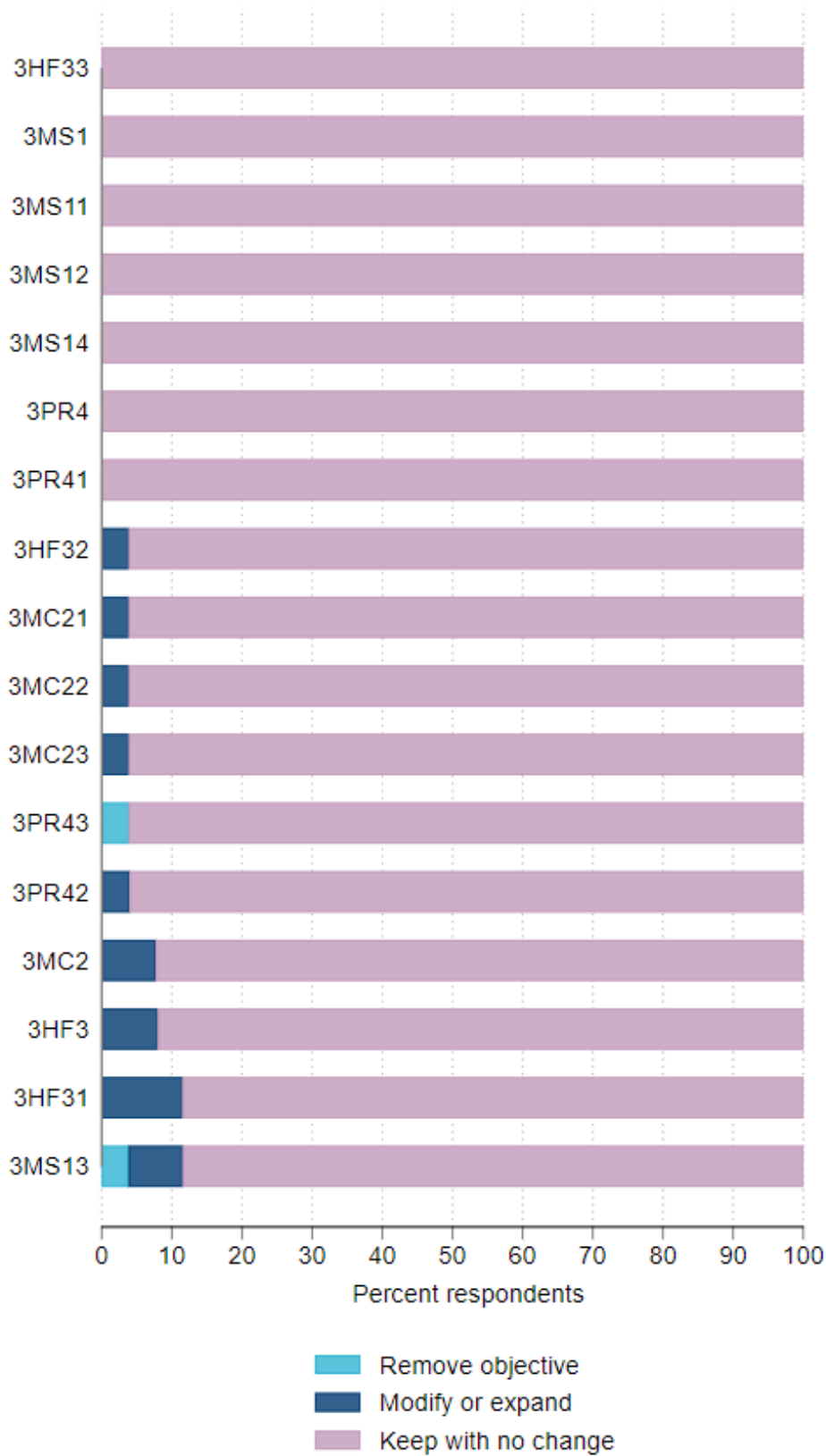
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PSU, PE, Grade 2



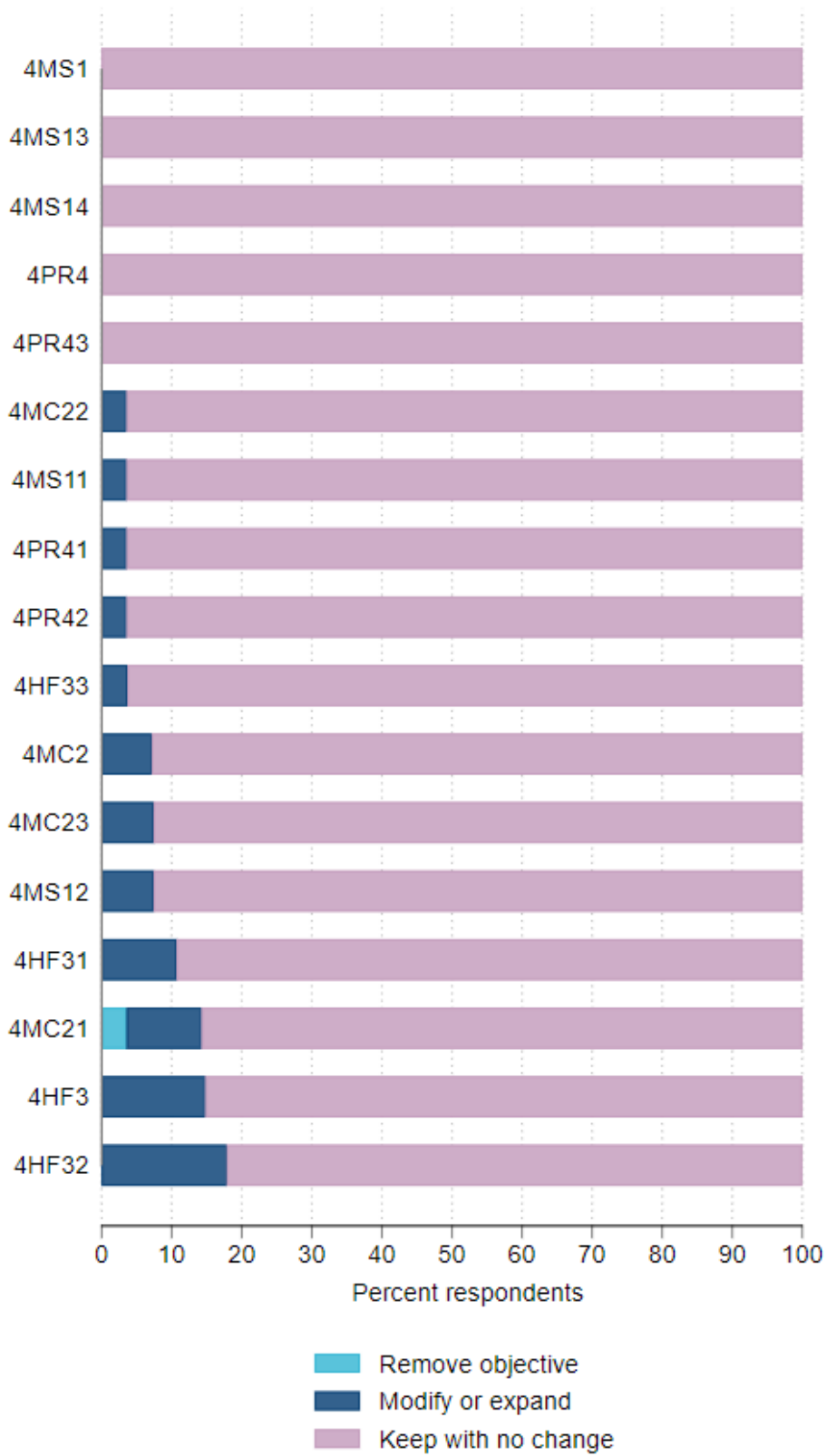
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PSU, PE, Grade 3



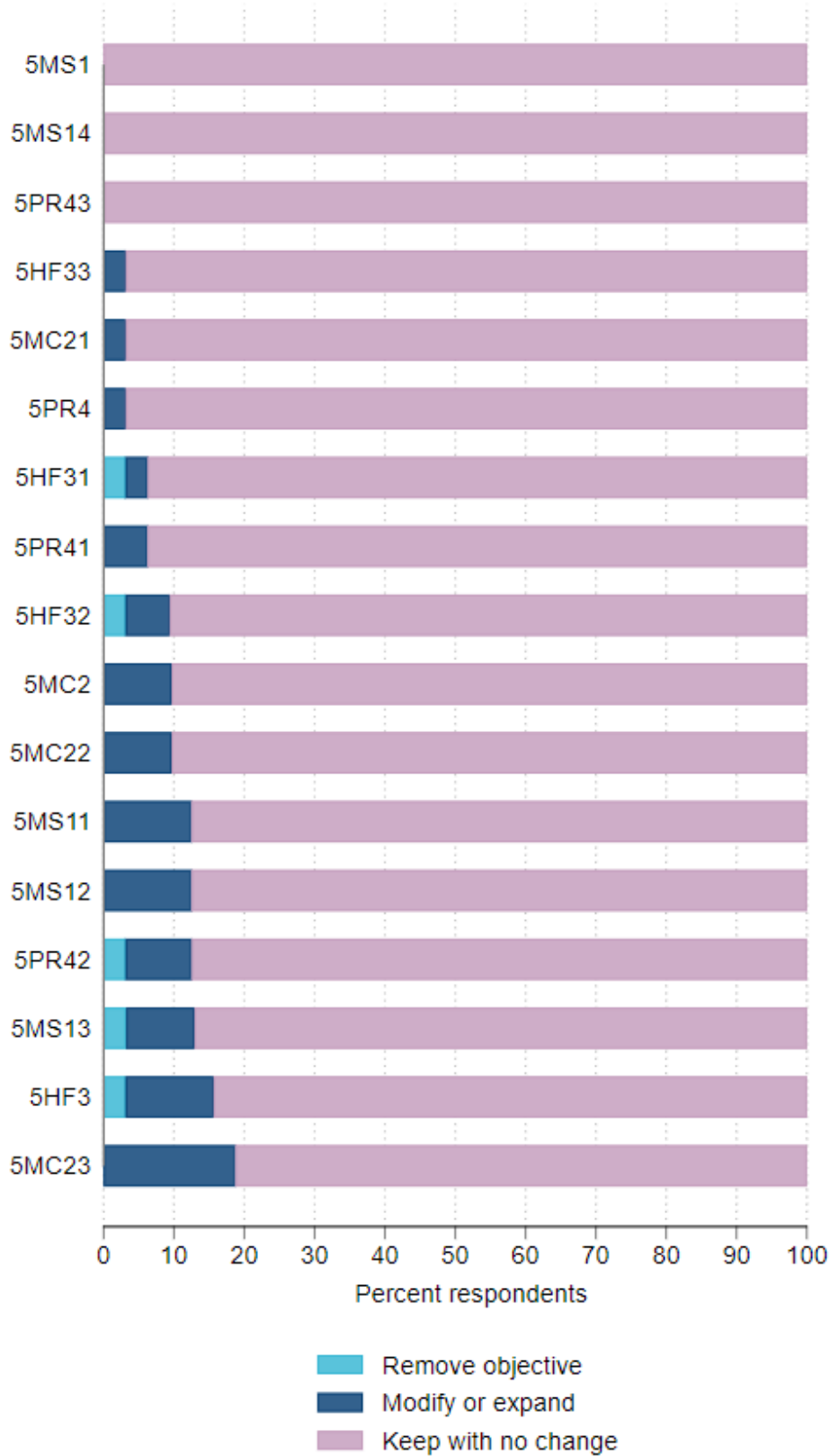
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PSU, PE, Grade 4

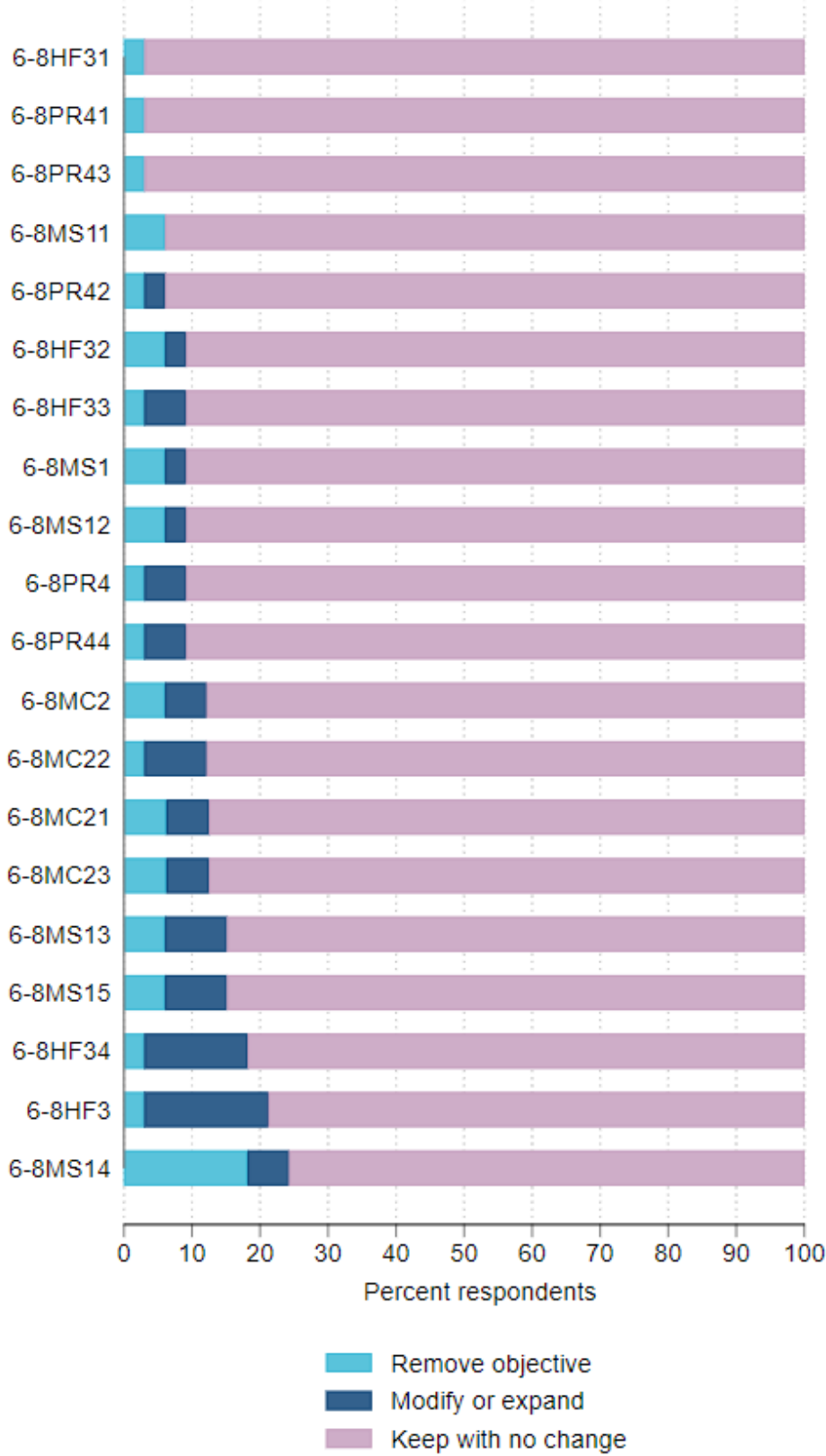


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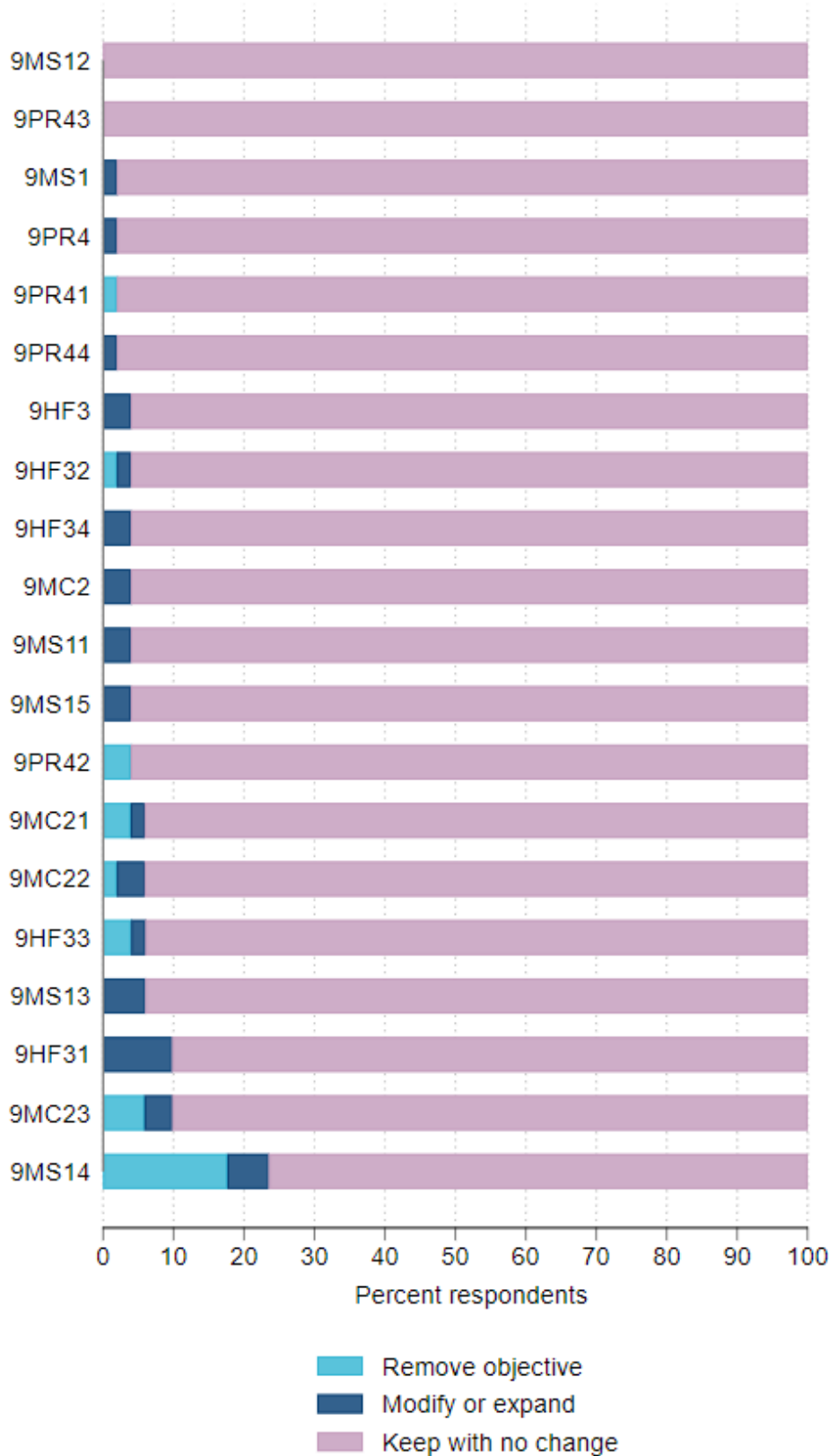
PSU, PE, Grade 5



PSU, PE, Grade 6



PSU, PE, Grade 9



Quantitative Findings for Health Education Stakeholder Standard-by-Standard Survey

Bar graphs represent the % of respondents that said keep with no change, modify, or expand/share your idea(s) or remove objective, for each item in each grade.

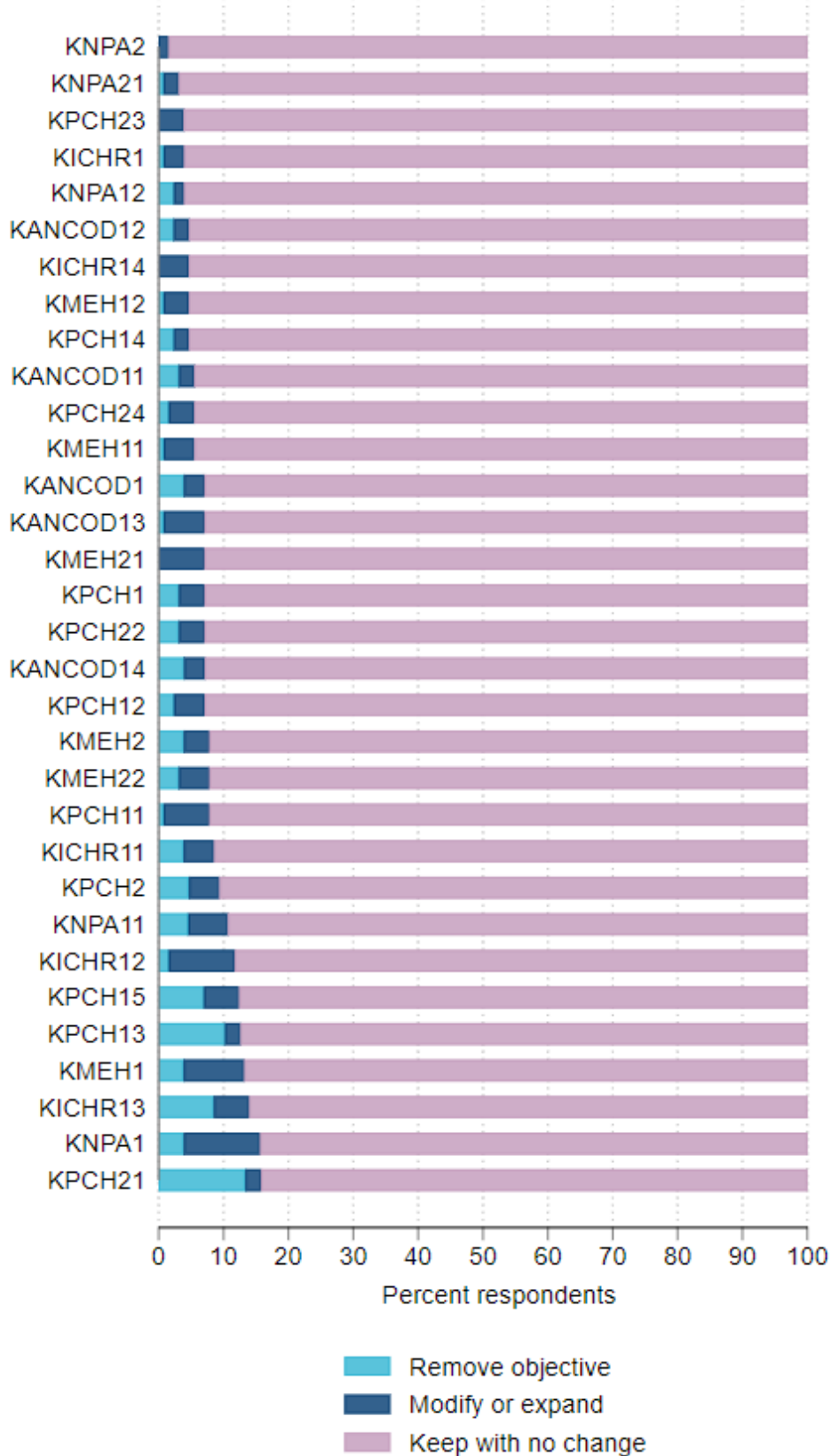
Bars are sorted according to the percent of respondents who said keep with no change, modify, or expand/share your idea(s) or remove objective.

Item codes in each bar graph match "item" within the "Health Stakeholder Standard Survey" under columns G, H, and I. You can look there to see percent said keep with no change, modify, or expand/share your idea(s) or remove objective, as well as all comments associated with that item and the text of each objective.

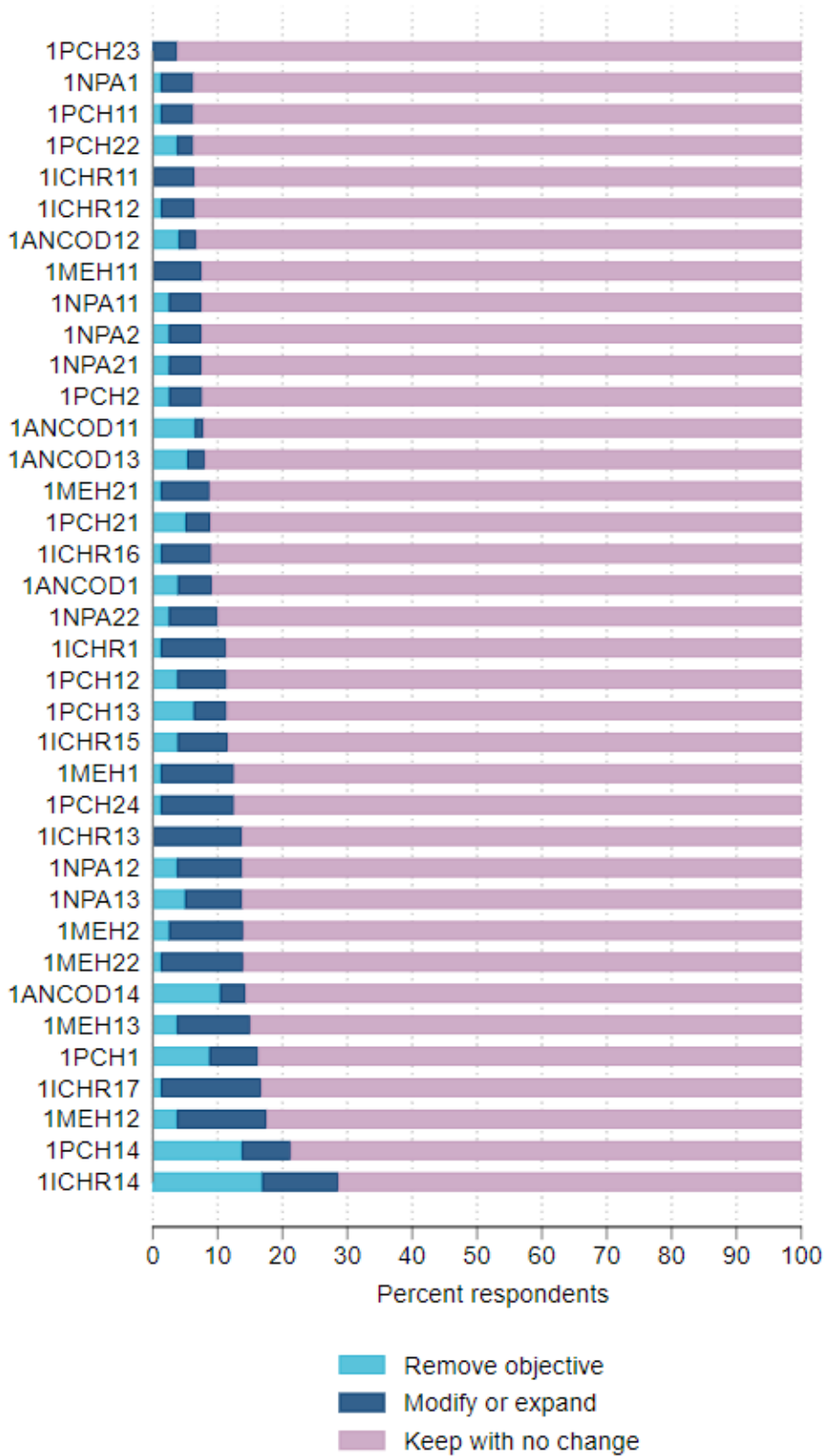
The graph represents the overall percentage of keep with no change, modify, or expand/share your idea(s) or remove objective requested within a grade level. It is sorted by least to most requested removals/changes.

The graphs will begin on the following page:

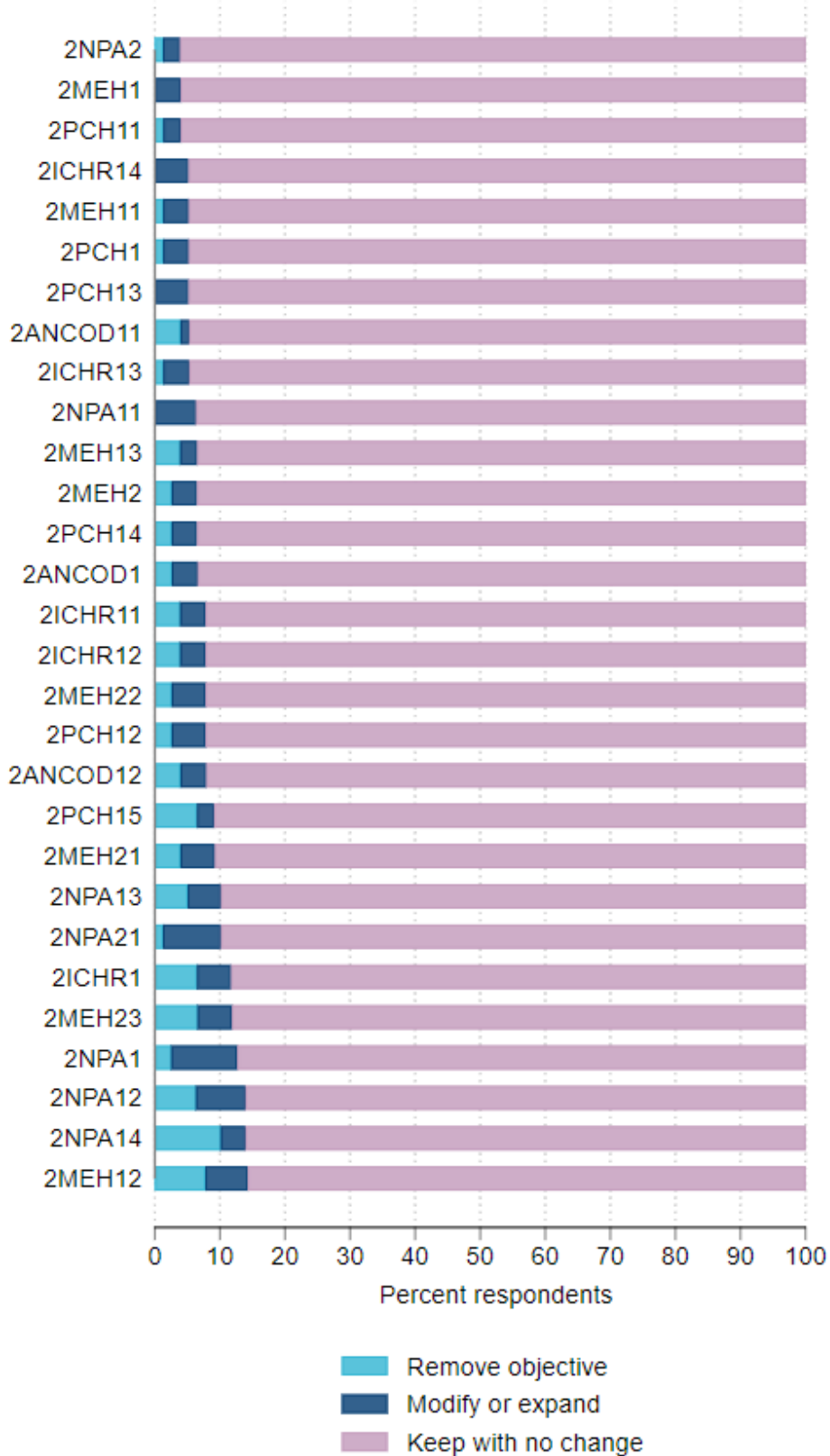
Stakeholder, Health, Grade K



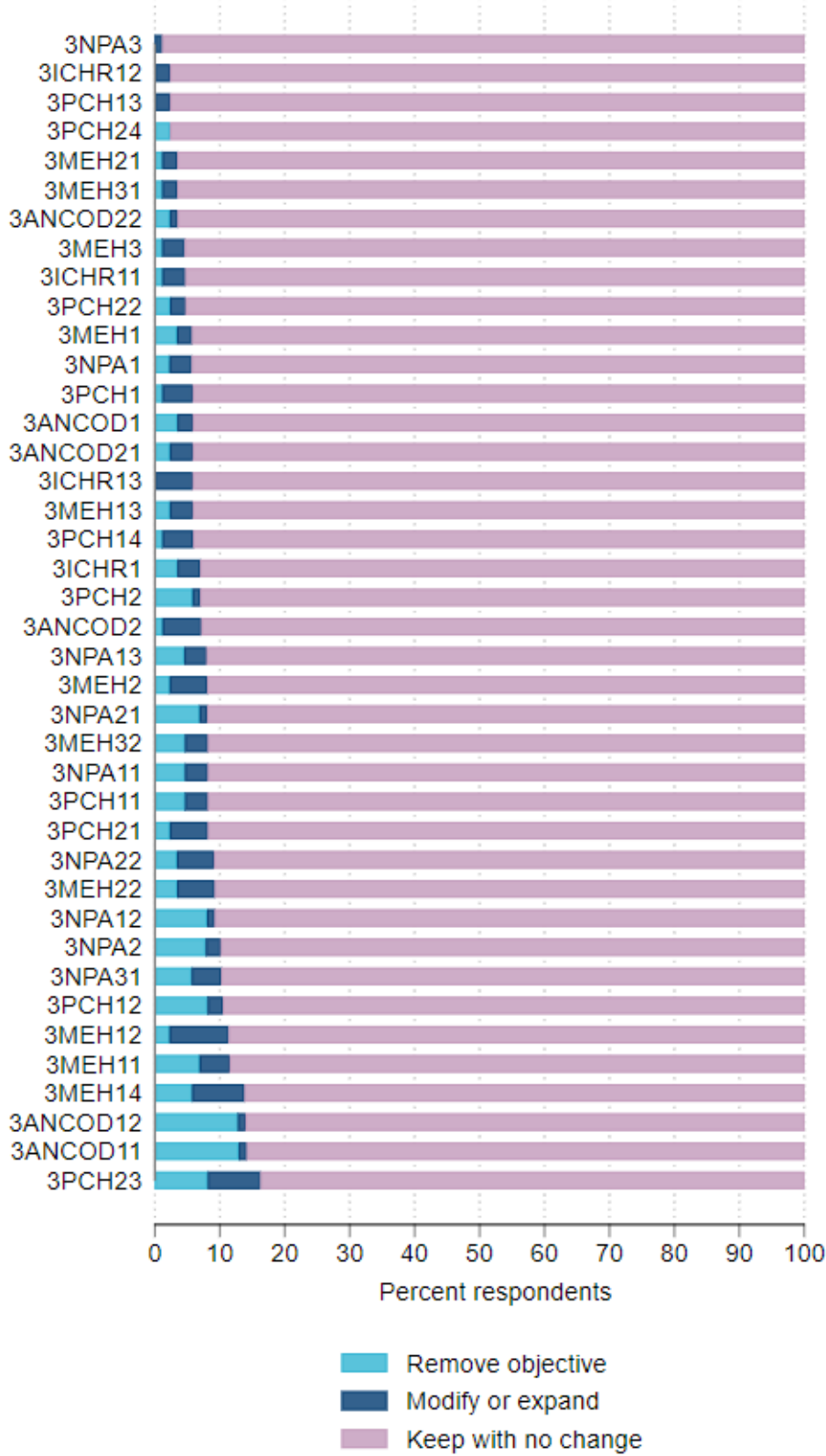
Stakeholder, Health, Grade 1



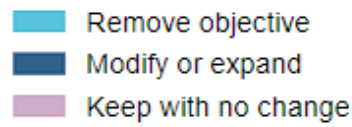
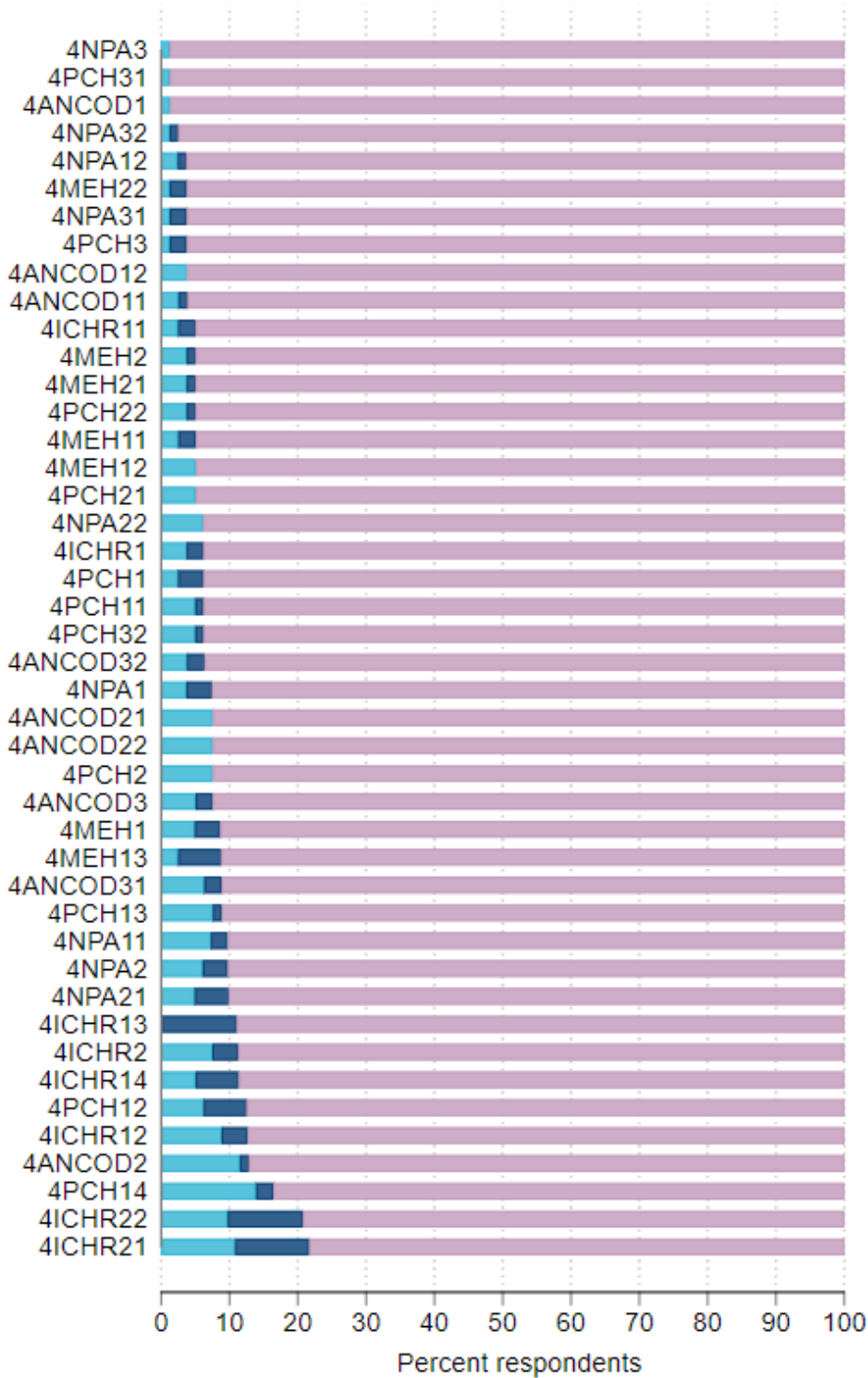
Stakeholder, Health, Grade 2



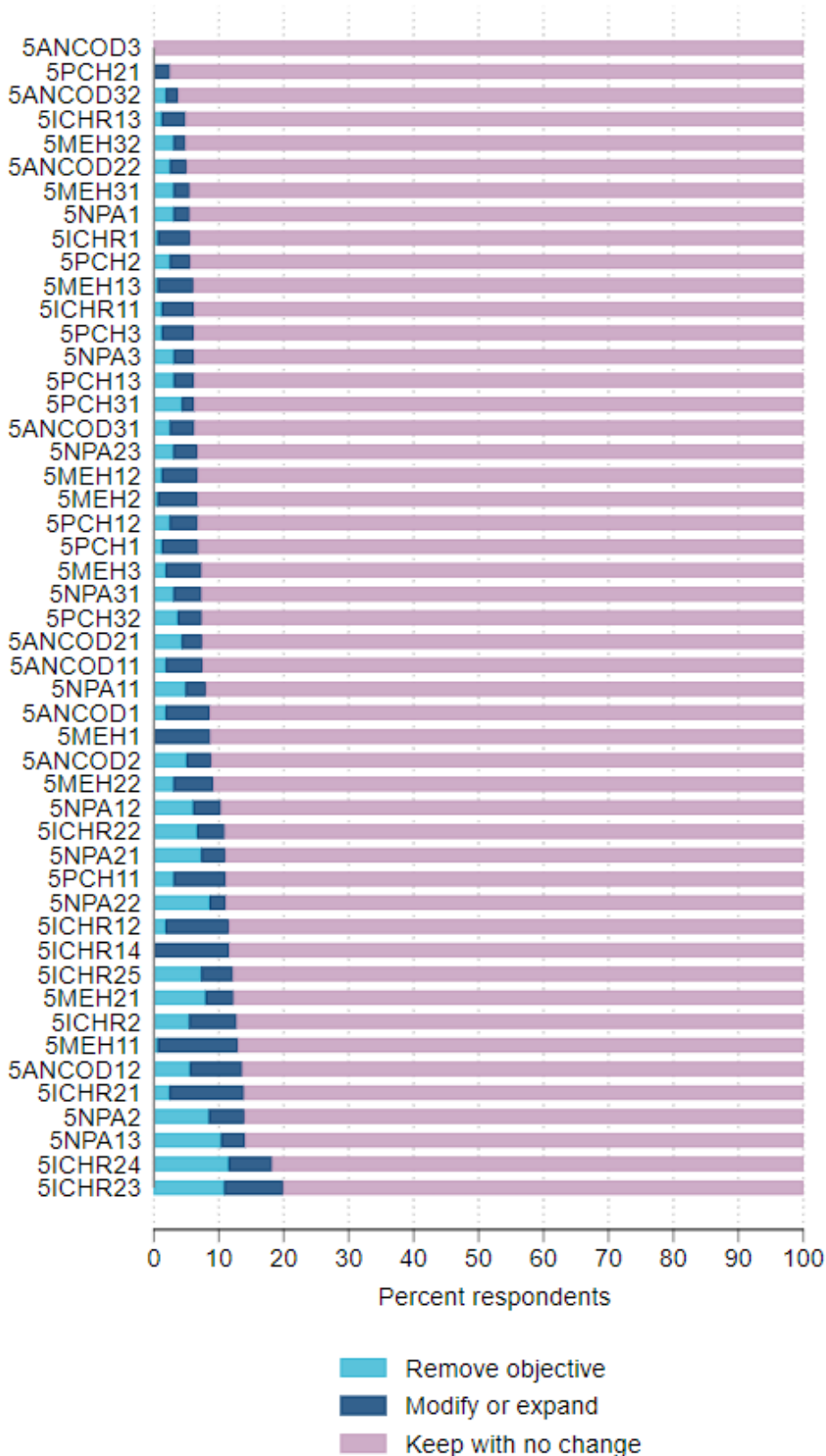
Stakeholder, Health, Grade 3



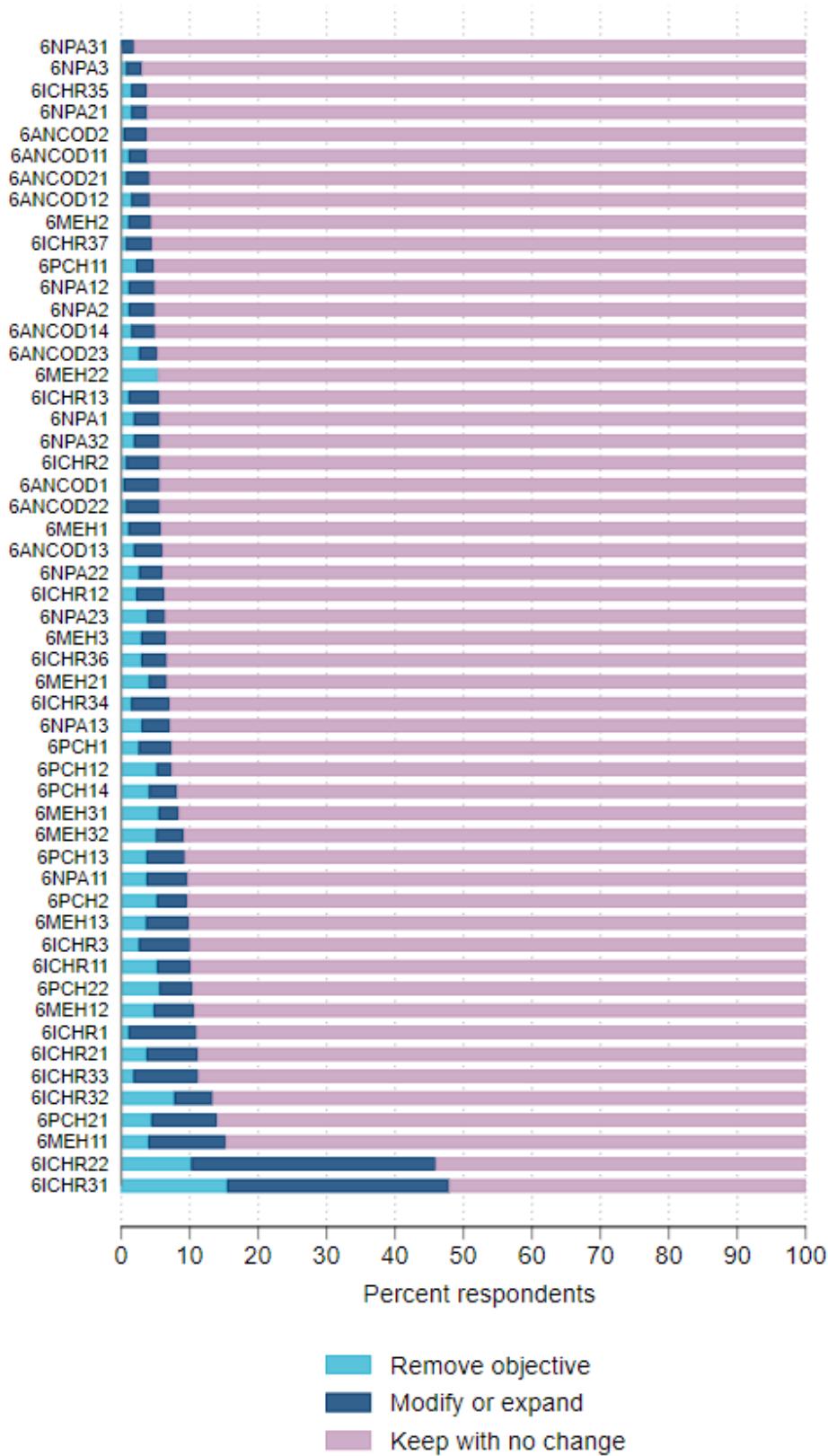
Stakeholder, Health, Grade 4



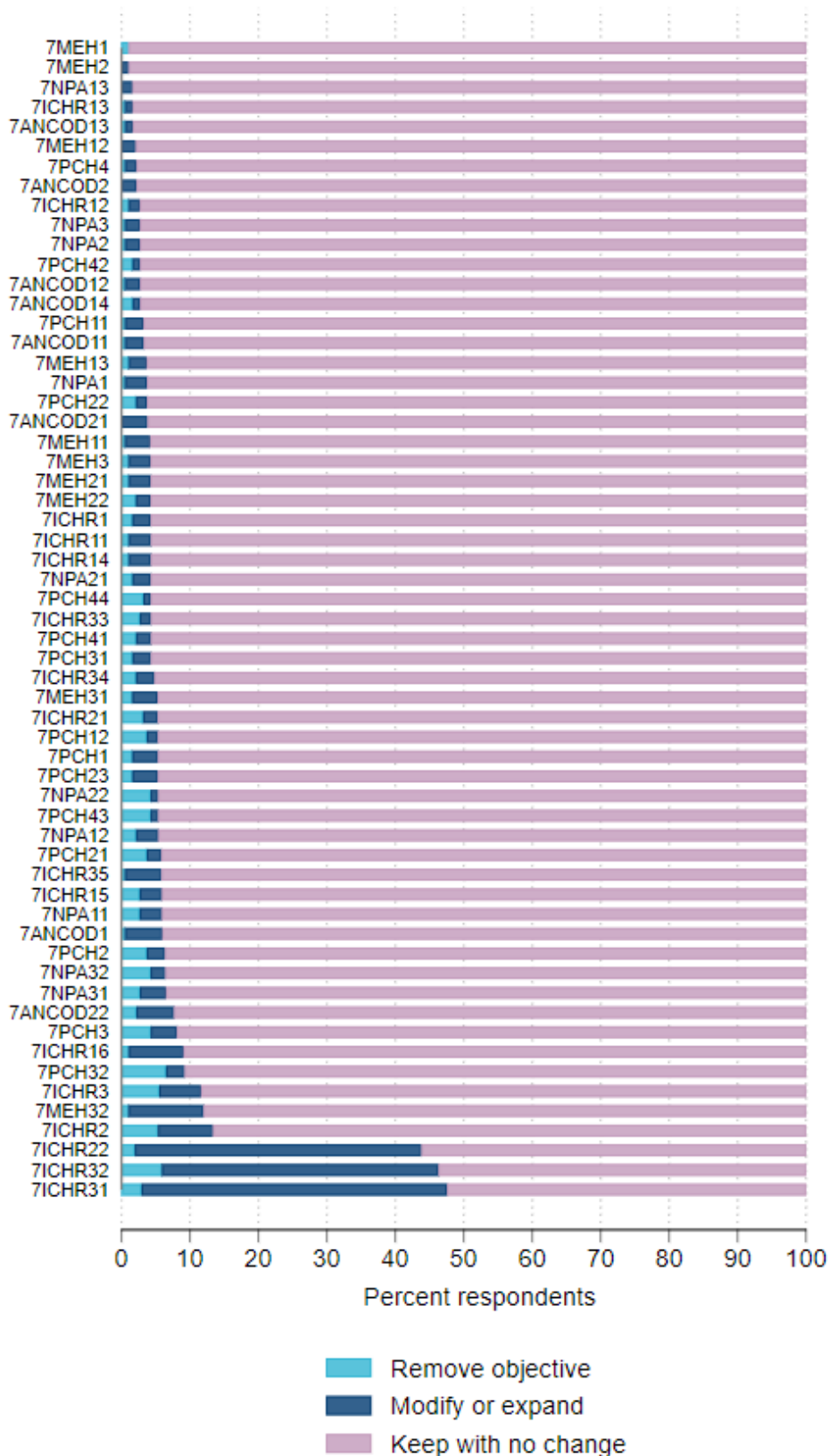
Stakeholder, Health, Grade 5



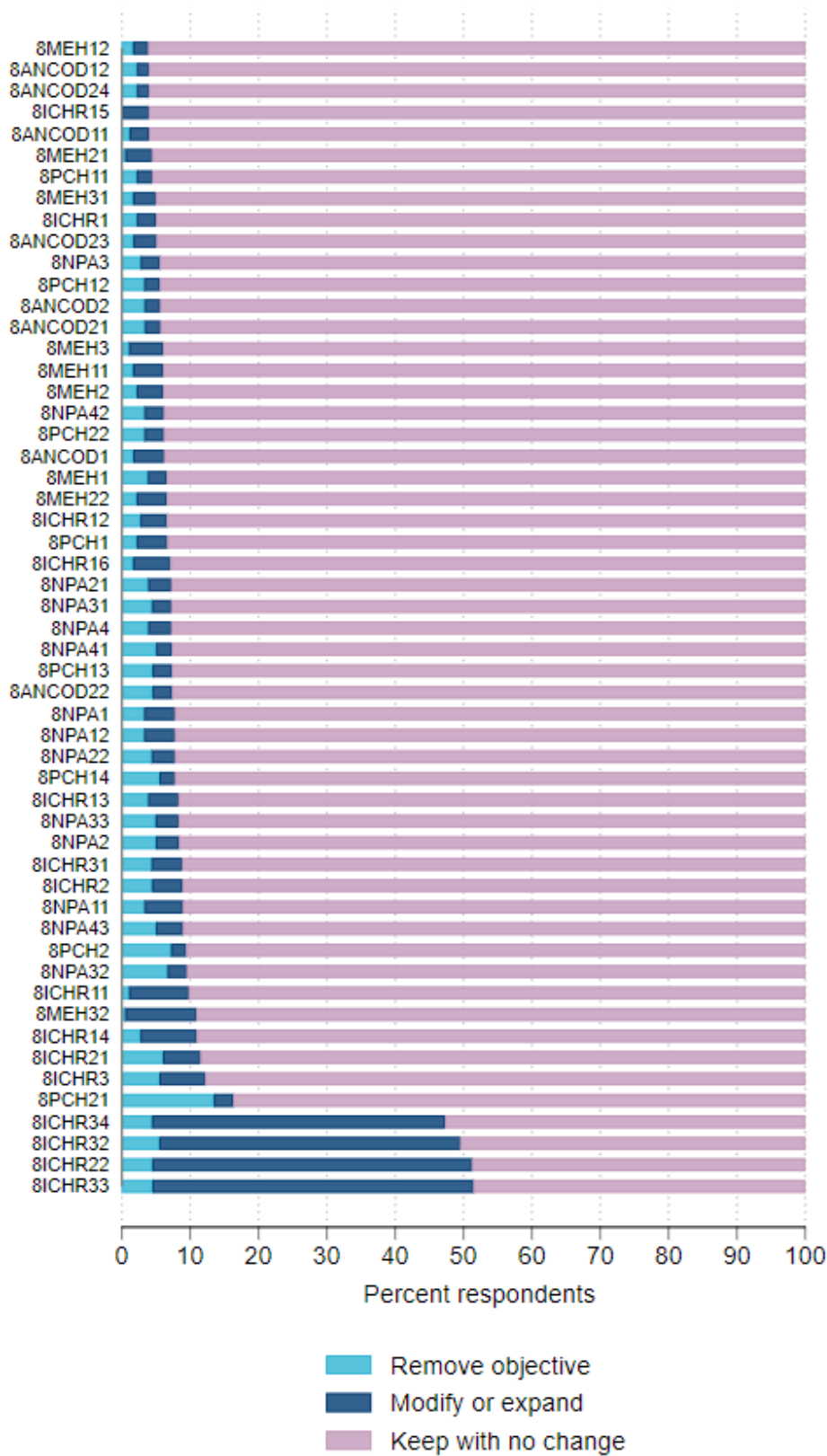
Stakeholder, Health, Grade 6



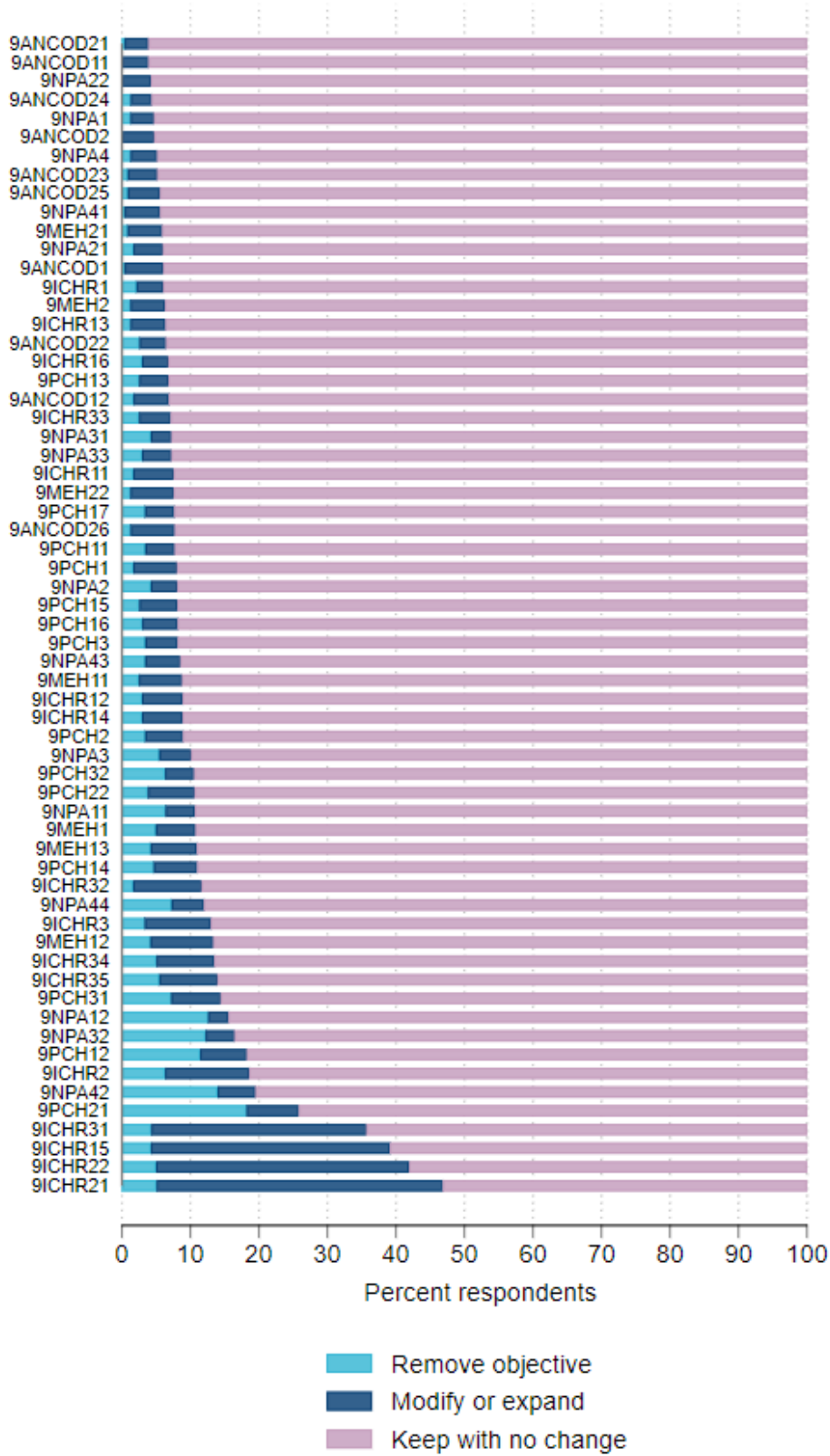
Stakeholder, Health, Grade 7



Stakeholder, Health, Grade 8



Stakeholder, Health, Grade 9



Quantitative Findings for Physical Education Stakeholder Standard-by-Standard Survey

Bar graphs represent the % of respondents that said keep with no change, modify, or expand/share your idea(s) or remove objective, for each item in each grade.

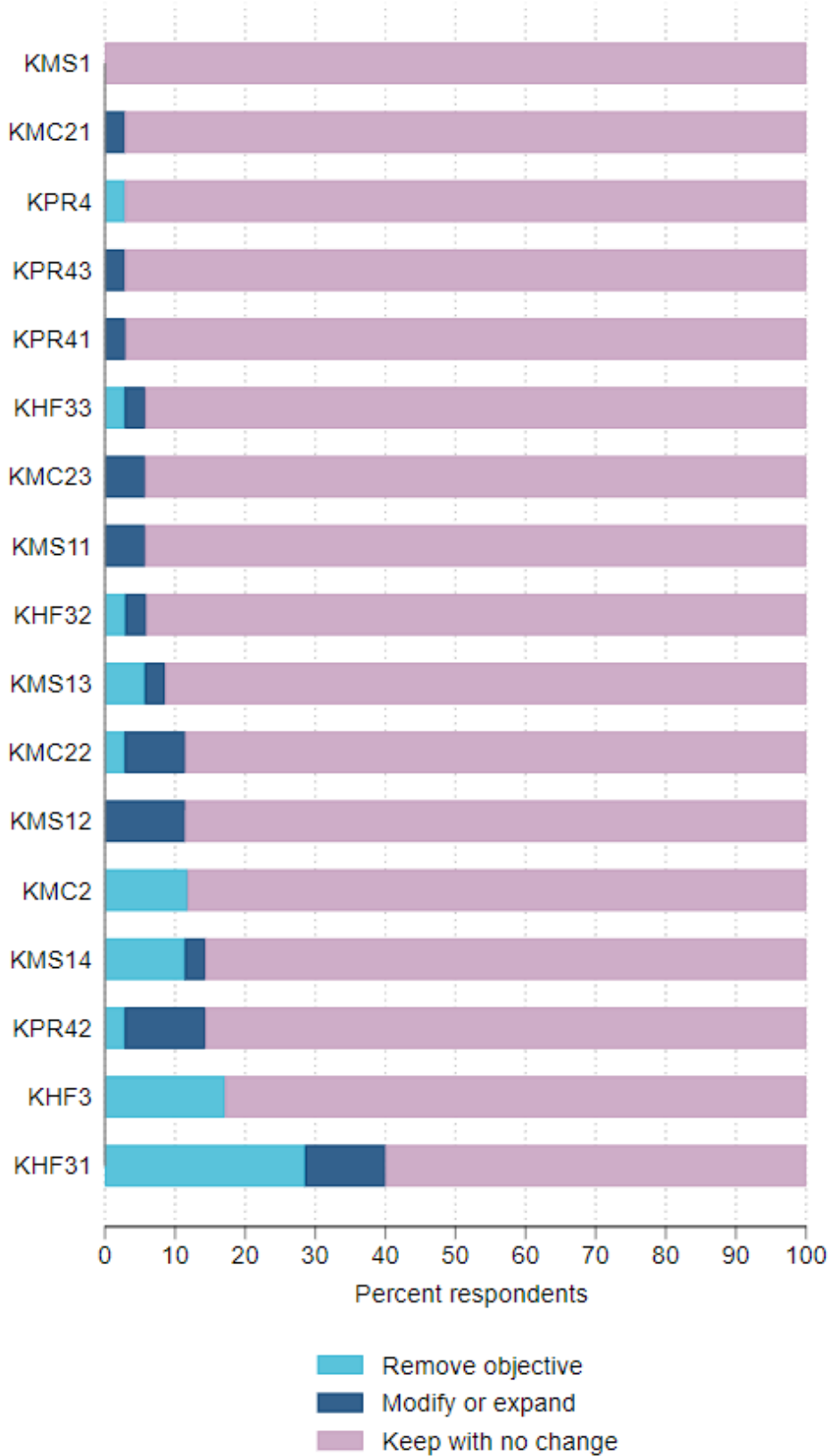
Bars are sorted according to the percent of respondents who said keep with no change, modify, or expand/share your idea(s) or remove objective.

Item codes in each bar graph match "item" within the "PE PSU Standard Survey" under columns G, H, and I. You can look there to see percent said keep with no change, modify, or expand/share your idea(s) or remove objective, as well as all comments associated with that item and the text of each objective.

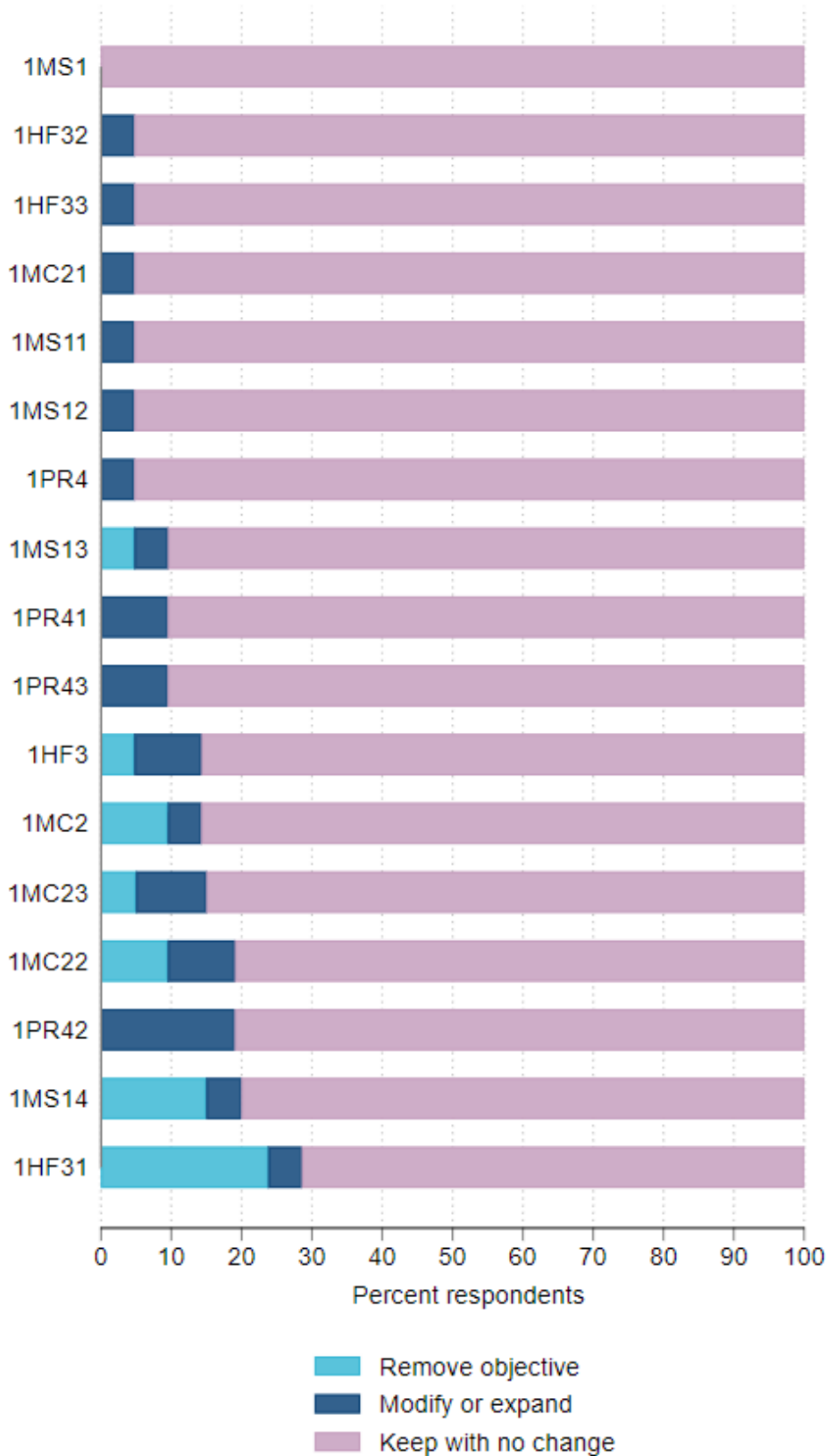
The graph represents the overall percentage of keep with no change, modify, or expand/share your idea(s) or remove objective requested within a grade level. It is sorted by least to most requested removals/changes.

The graphs will begin on the following page:

Stakeholder, PE, Grade K

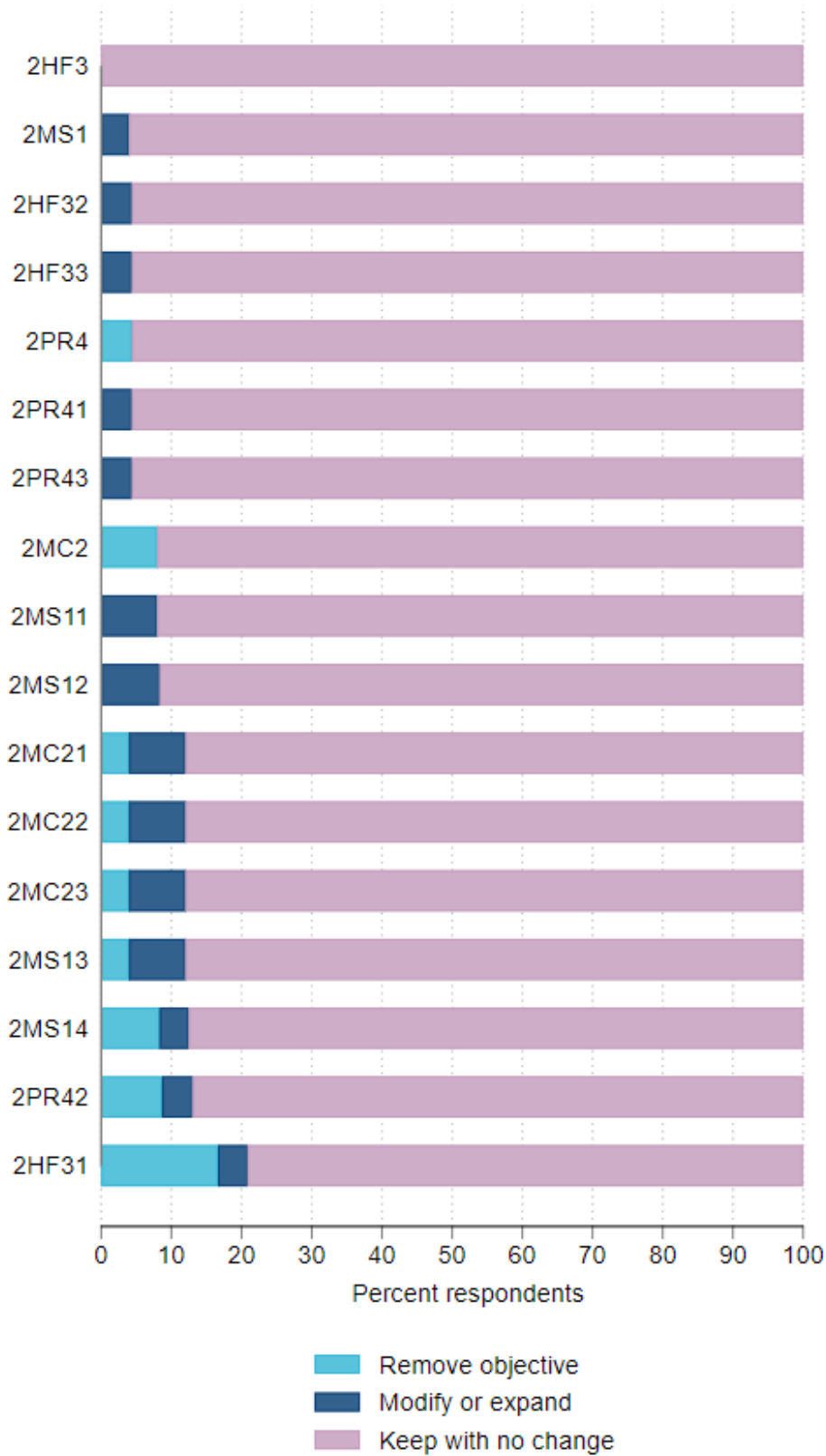


Stakeholder, PE, Grade 1

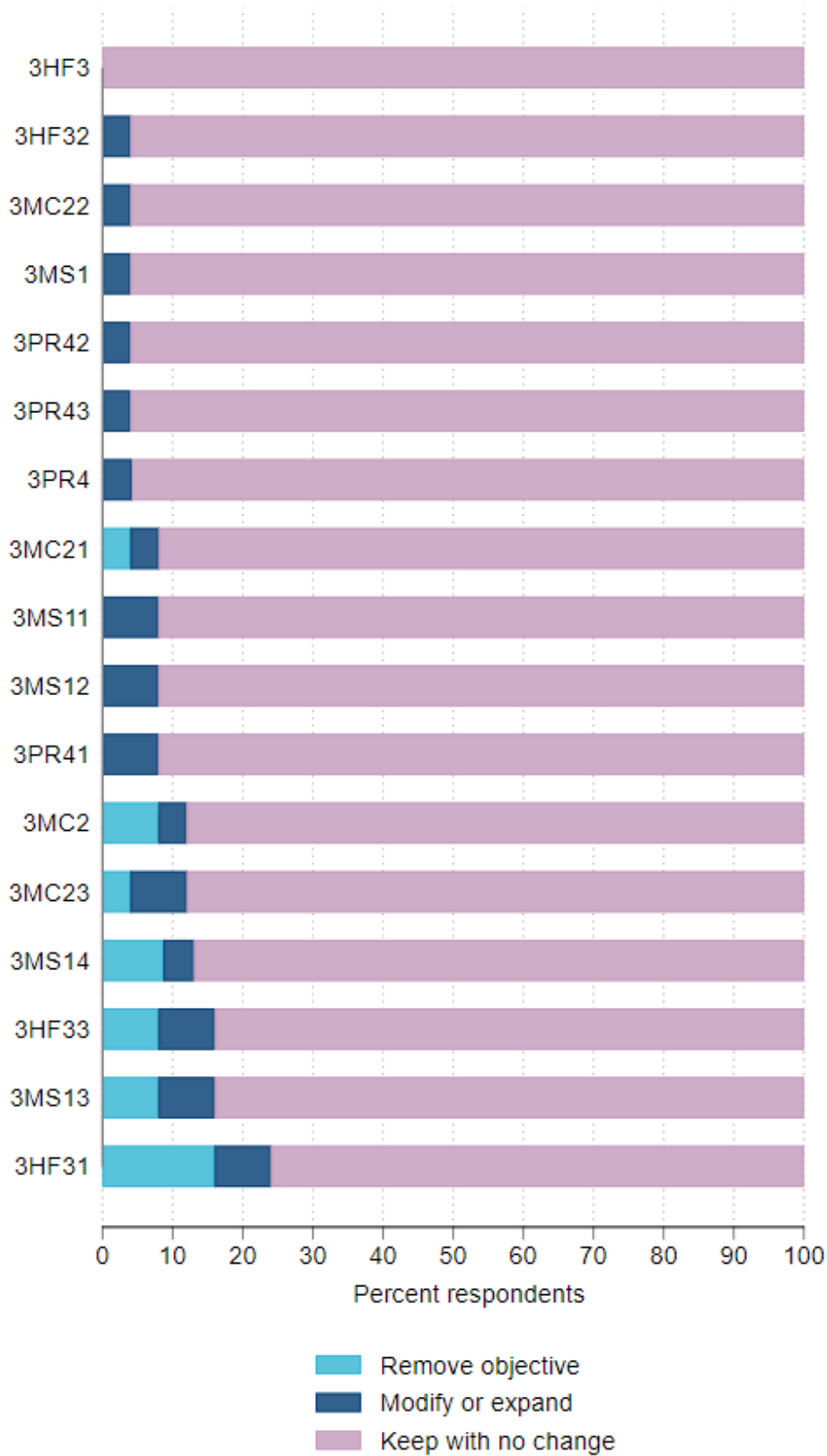


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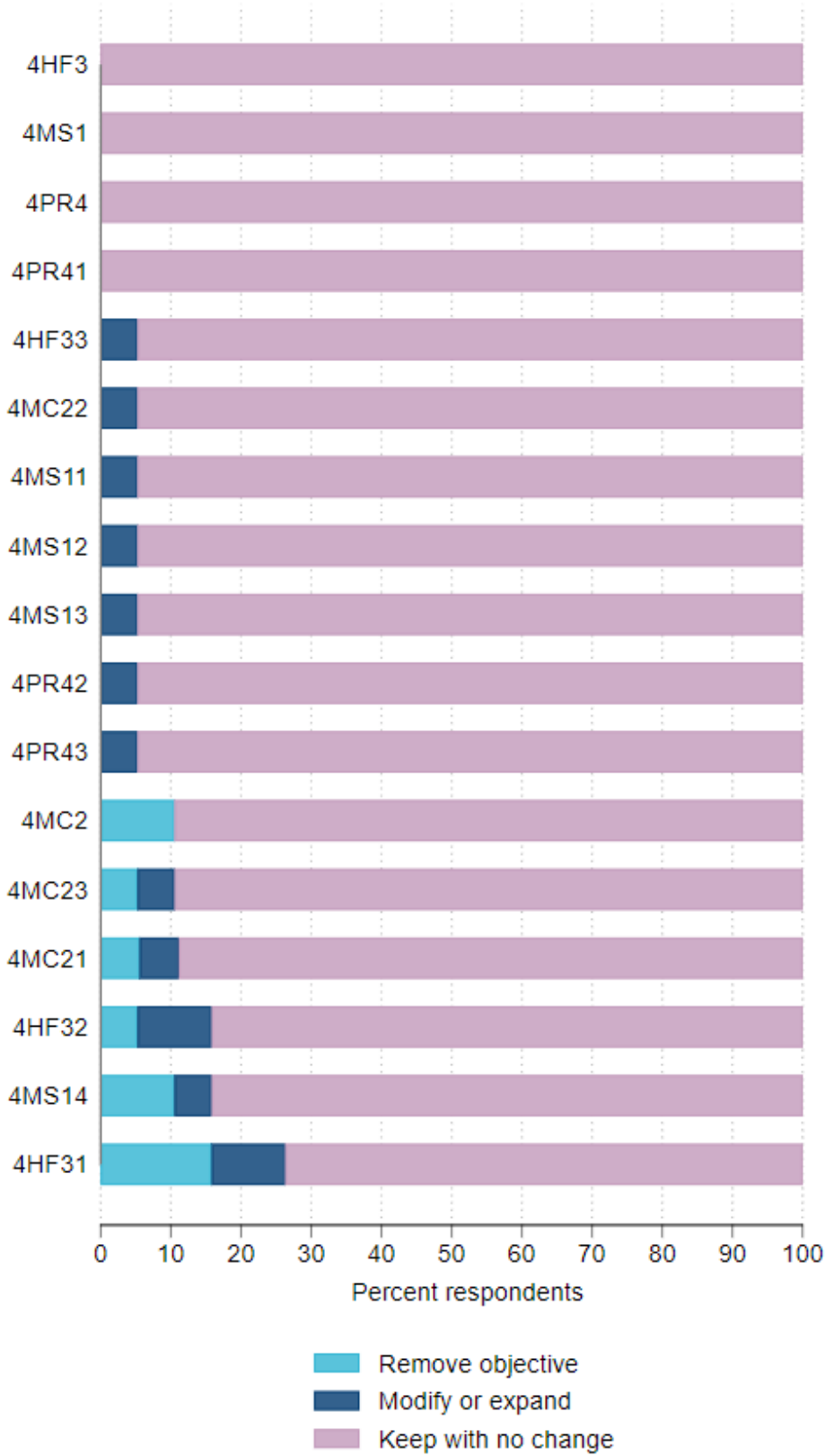
Stakeholder, PE, Grade 2



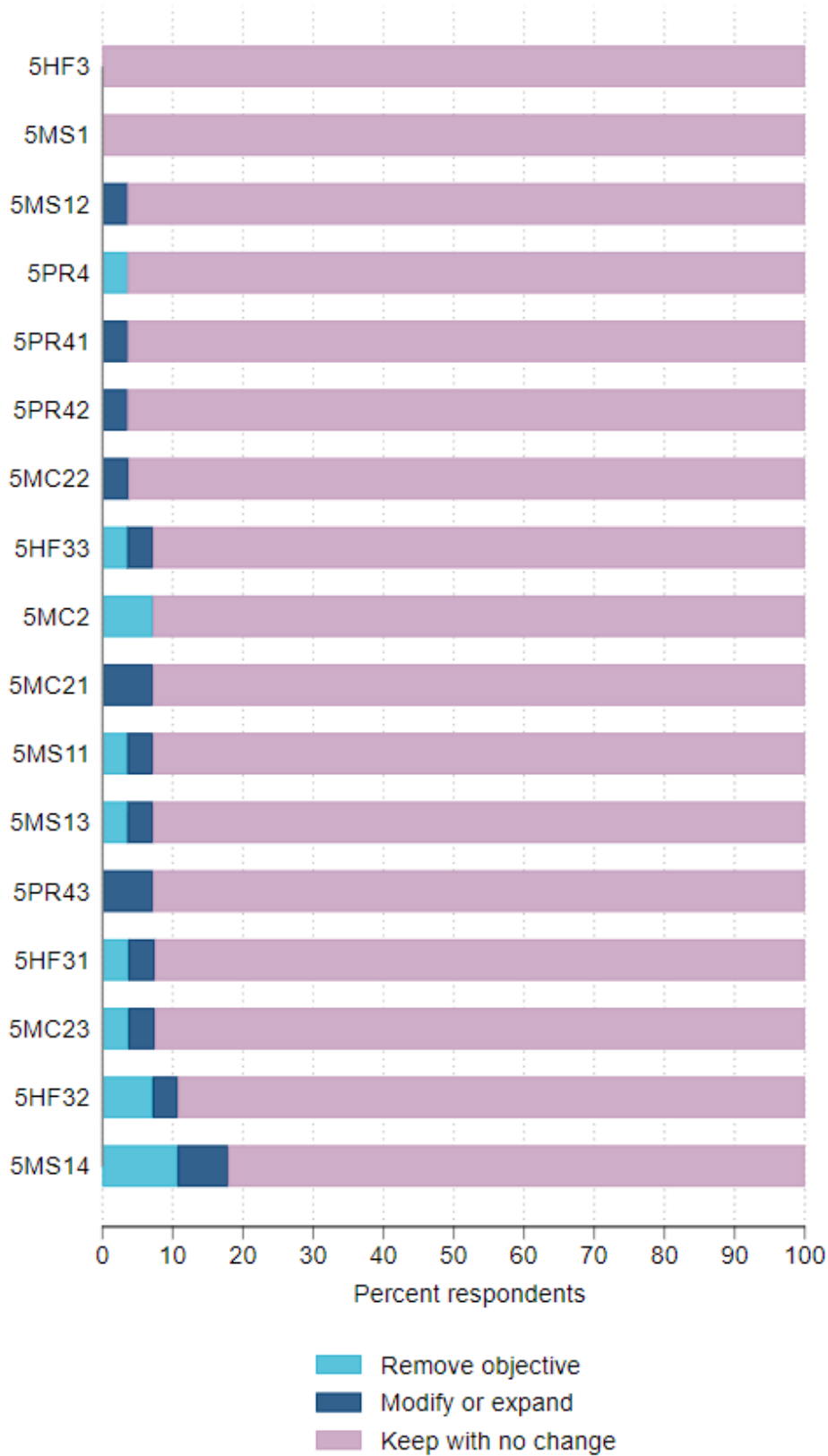
Stakeholder, PE, Grade 3



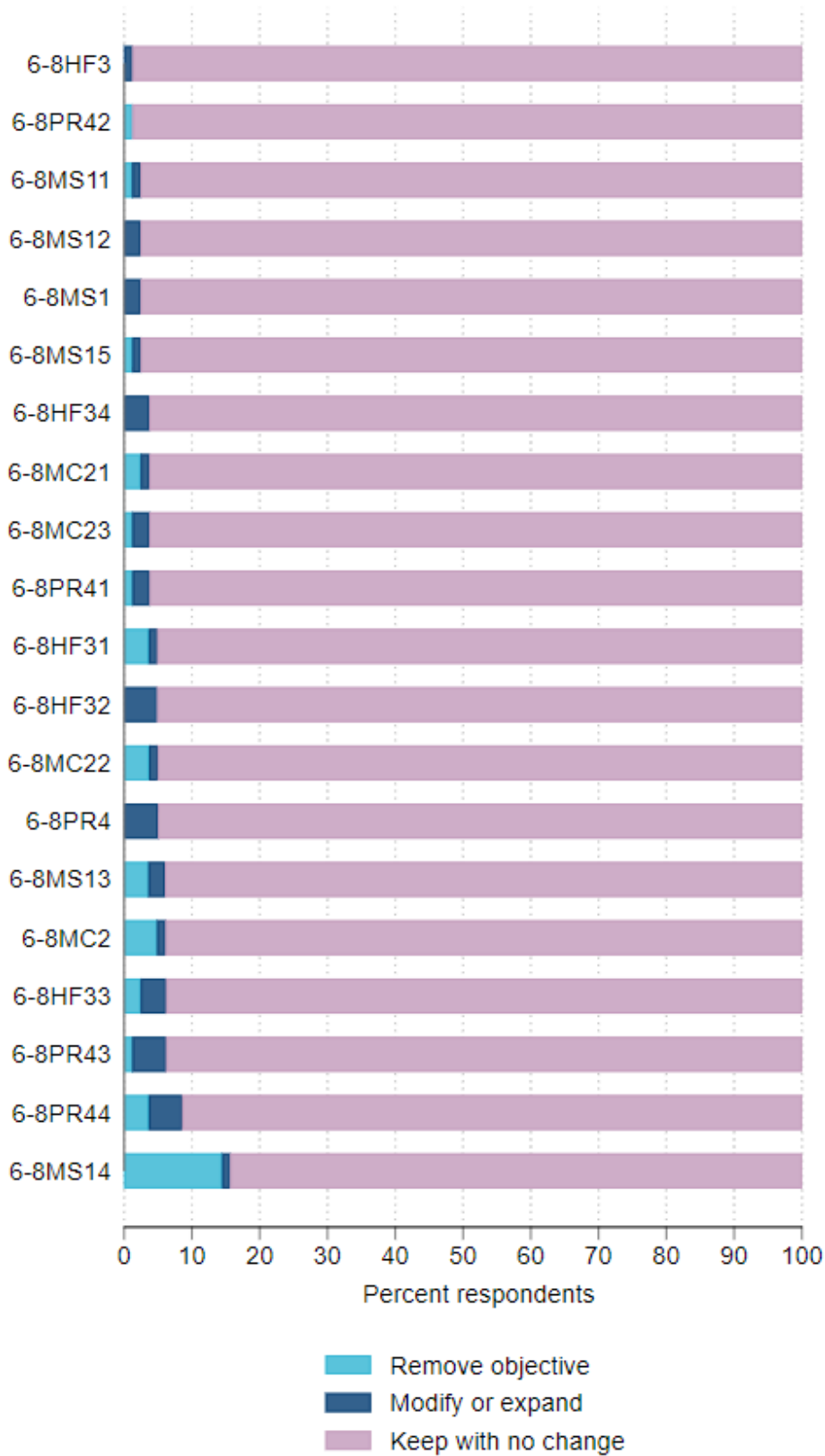
Stakeholder, PE, Grade 4



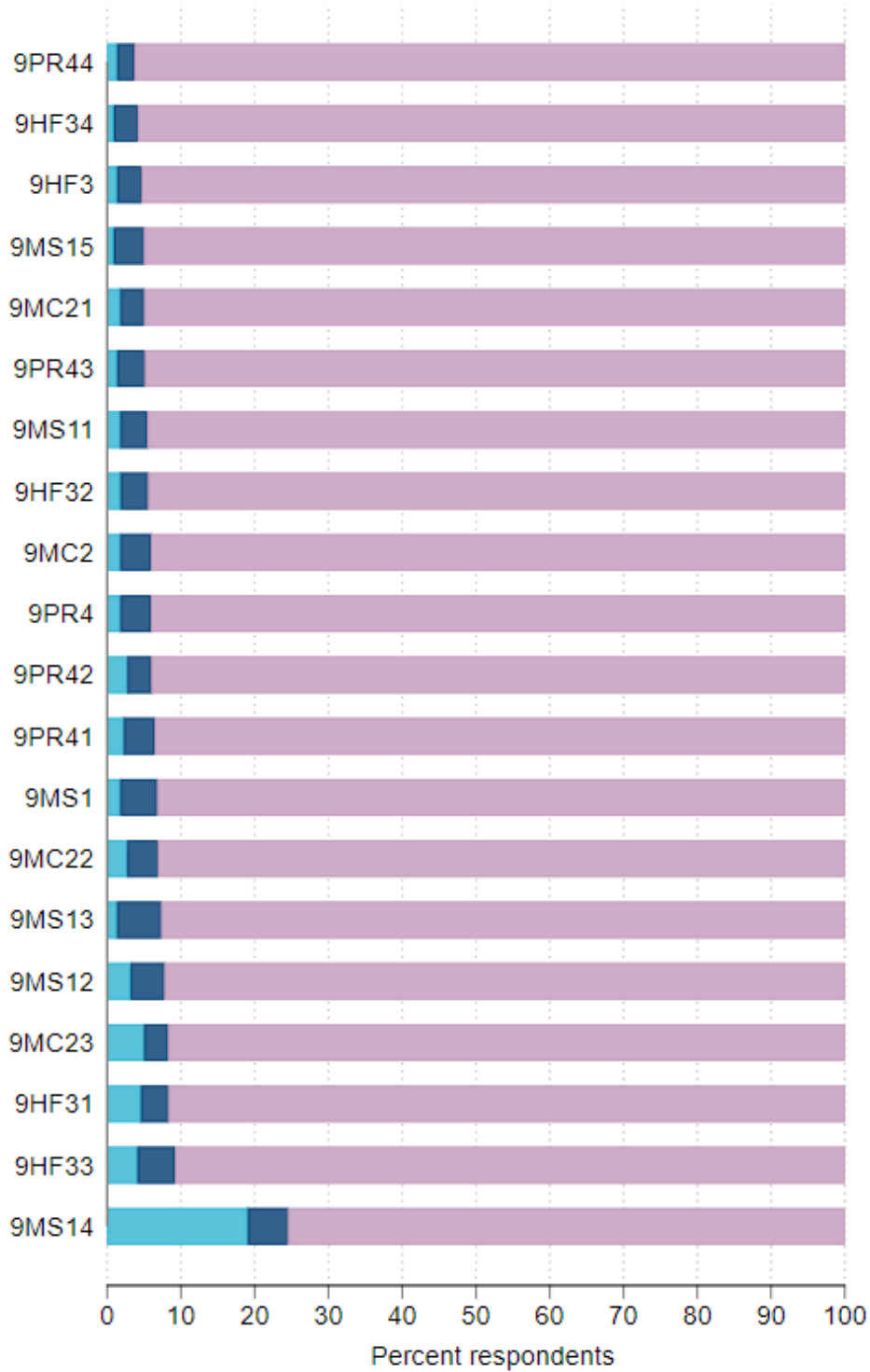
Stakeholder, PE, Grade 5



Stakeholder, PE, Grade 6



Stakeholder, PE, Grade 9



- Remove objective
- Modify or expand
- Keep with no change

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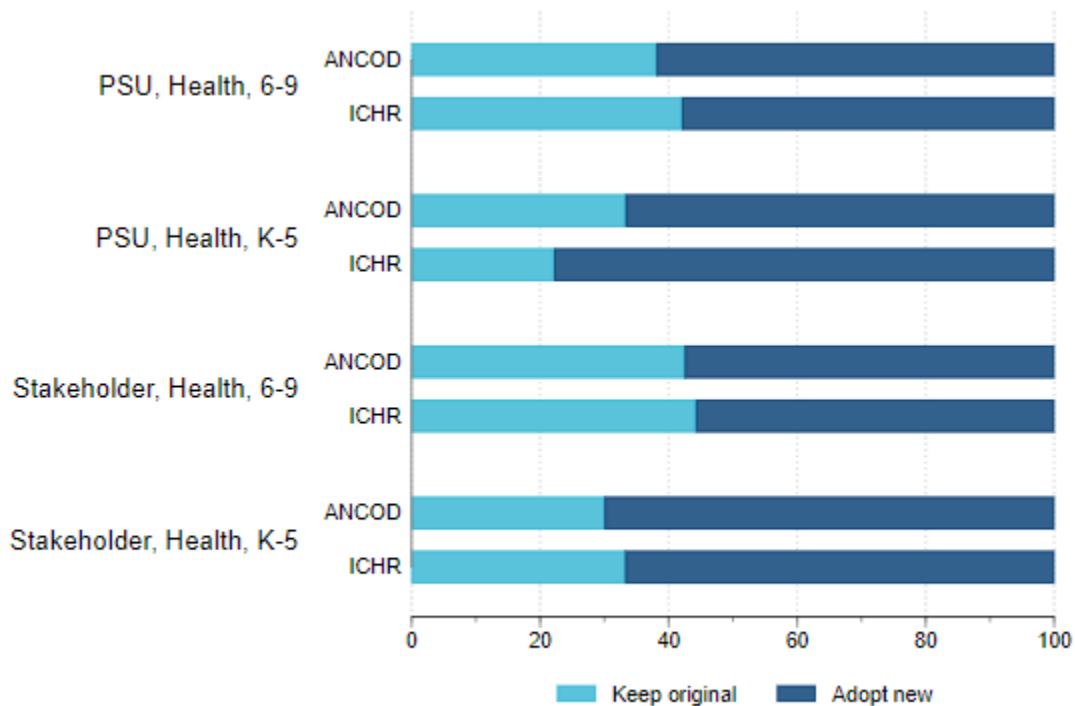
Health Strands Revision

Bar graphs represent the % of respondents that said adopt the new strand or keep the original strand.

Bars are sorted according to the percent of respondents who said adopt new standard or keep the original standard.

Item codes in each bar graph match "item" within the "Health Strand Survey" under columns C and D. In this document you will see percent adopt new standard or keep the original standard.

The graph represents the overall percentage of adopt new standard or keep the original standard.



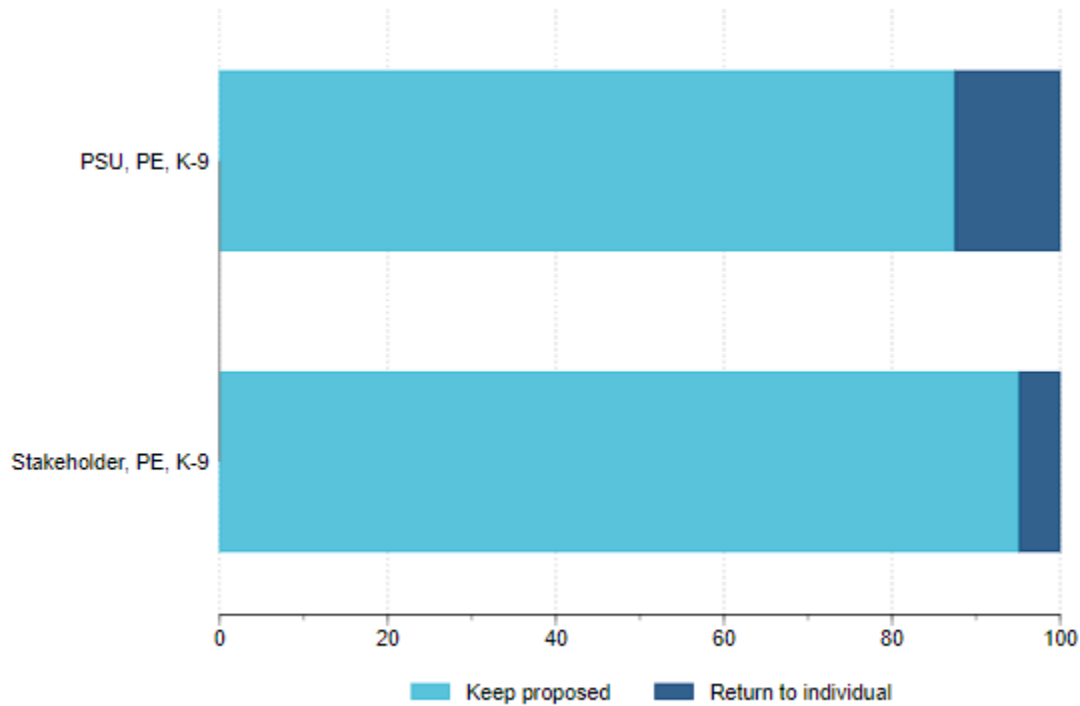
Physical Education 6-8 Grade Band

Bar graphs represent the % of respondents that said keep the proposed grade level bands or return to individual grade levels.

Bars are sorted according to the percent of respondents who said keep the proposed grade level bands or return to individual grade levels.

Item codes in each bar graph match "item" within the "Health Strand Survey" under columns E and F. In this document you will see percent adopt new standard or keep the original standard.

The graph represents the overall percentage of adopt new standard or keep the original standard.



Data Review Committee Conclusions

Based on feedback provided by the Draft 1 Surveys provided, members of the Data Review Committee (DRC) completed a standards-by-standards set of recommendations for possible revisions to the K-12 Healthful Living Standard Course of Study. The spreadsheets linked below provide details of their findings organized by each of the current K-12 Healthful Living strands. Within each spreadsheet, the standards and objectives for that strand are listed for each grade level/course.

For each standard that applies to a grade level/course, DRC members provided a conclusion of either “Keep With No Change,” “Remove Objective,” or “Modify or Expand.” The objective was then also color coded based on the conclusion with “Keep With No Change” indicated in green, “Remove Objective” as red, and “Modify or Expand” as an orange.

Threshold Development Process

Thresholds were developed to provide an initial screening of the Survey responses. The responses that met the thresholds were recognized as consensus and were accepted. Those that did not meet the thresholds were focused on in the subsequent discussions for changes and recommendations.

The thresholds were determined using a standard deviation adjusted standardizing process for representativeness of each stakeholder group. The process included in the following steps:

- (a) The Survey responses were grouped into “PSU” and “Stakeholders” groups. A mean and standard deviation of the “Agree” response for each group was calculated.
- (b) A conservative approach was taken to create the threshold by deducting the standard deviation from the mean and using the result as the threshold. The reason to take this conservative approach is because the responses were negatively skewed (meaning scores given were toward the high end of the scaling; for example, on the percentage scale of 0-100%, most scores were close to the 100 end, few were toward the 0 end).
- (c) The thresholds were used in the subsequent process where the change or no change of the standards were discussed and recommended.

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In the following columns, DRC members provided information related to the Draft 1 surveys that led them to their conclusion of keep with no change, modify, or expand or remove objective within the data from the Health Education Draft 1 and Physical Education Draft 1 spreadsheets.

- [Health Education Mental and Emotional Health \(MEH\)](#)
- [Health Education Personal and Consumer Health \(PCH\)](#)
- [Health Education Interpersonal Communications and Healthy Relationships \(ICHR\)](#)
- [Health Education Nutrition and Physical Activity \(NPA\)](#)
- [Health Education Alcohol, Nicotine, Cannabis and Other Drugs \(ANCOD\)](#)
- [Physical Education Motor Skills \(MS\)](#)
- [Physical Education Movement Concepts \(MC\)](#)
- [Physical Education Health Related Fitness \(HF\)](#)
- [Physical Education Personal/Social Responsibility \(PR\)](#)

Data Review Committee Recommendations

The following Data Review Committee recommendations provide a high-level review of the suggestions made for each course and grade level, within the K-12 Healthful Living Standard Course of Study. The recommendations were completed by the Data Review Committee members after their extensive review of the feedback from the Draft 1 Surveys for each standard and objective. The specific standard-by-standard suggestions can be found in the previous section of this report.

Health K-2:

Used 1-standard deviation below the mean for a threshold to consider changes (88% PSU/ 86% stakeholder survey). Occasionally where the percentage was close to the threshold and no major changes suggested in the comments, we recommended leaving the draft standard as is. Where modifications are suggested, we referenced comments from the PSU and stakeholder surveys. We agree with the ANCOD and ICHR strand name changes as the majority of respondents were in favor.

Health 3-5:

We followed the 1-standard deviation below the mean for changes (88% PSU/86% stakeholder). Where modifications are suggested we almost exclusively referred to the comments provided in the stakeholder or PSU feedback. Many times, clarification

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is all that is needed. We recommend the ANCOD and ICHR strand name changes stay. The majority of respondents support these changes. The language in the new strand titles provides flexibility for educators to adapt lessons and address current and future health concerns.

Health 6-9:

We followed the 1-standard deviation below the mean for changes (91% PSU/85% stakeholder). Where modifications are suggested, we almost exclusively referred to the comments provided in the stakeholder or PSU feedback. We recommend the ANCOD and ICHR strand name changes stay. The majority of respondents support these changes. The language in the new strand titles provides flexibility for educators to adapt lessons and address current and future health concerns.

Physical Education:

We followed the standard division thresholds, 88% for PSU group and 86% for Stakeholder group, to review the comments separately. For all comments we examined, we considered them with the written standards and the thresholds in discussion. Where modifications were needed, we made references to the comments and standards for the writing team to consider changes. Otherwise, we accepted the current form of written standards. One major concern of the Data Review Committee is the banding of the 6th-8th grade PE standards, which, in our opinion, has overlooked the differences of the physical development between pre-adolescents. It may be noted that this will negatively impact decisions on class sizes and possible reduction of Healthful Living staff in middle schools.

Appendices

Appendix A: Copy of Survey Questions with Raw Data

1. [Health PSU K-5 Draft 1 Standard-by-Standard Survey](#)
2. [Health PSU 6-9 Draft 1 Standard-by-Standard Survey](#)
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8. [Physical Education PSU Draft 1 Standard-by-Standard Survey Bar Graphs](#)

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9. [Health Stakeholder K-5 Draft 1 Standard-by-Standard Survey](#)
10. [Health Stakeholder 6-9 Draft 1 Standard-by-Standard Survey](#)
11. [Health Stakeholder K-5 Draft 1 Standard-by-Standard Survey Raw Data](#)
12. [Health Stakeholder 6-9 Draft 1 Standard-by-Standard Survey Raw Data](#)
13. [Health Stakeholder Draft 1 Standard-by-Standard Survey Bar Graphs](#)
14. [Physical Education Stakeholder Draft 1 Standard-by-Standard Survey](#)
15. [Physical Education Stakeholder Draft 1 Standard-by-Standard Survey Raw Data](#)
16. [Physical Education Stakeholder Draft 1 Standard-by-Standard Survey Bar Graphs](#)
17. [Health Draft 1 Strands Survey Raw Data](#)
18. [Health Education Draft 1 Strands Bar Graph](#)
19. [Physical Education Grade Band Survey Raw Data](#)
20. [Physical Education Draft 1 6-8 Grade Level Bar Graph](#)