ABSTRACT

The Medical Student Performance Evaluation (MSPE) is an important tool of communication used by program directors to make decisions in the residency application process. To understand the perspective and usage of the MSPE across multiple medical specialties now and in anticipation of the planned changes in USMLE Step 1 score-reporting. A survey instrument including quantita-tive and qualitative measures was developed and piloted. The final survey was distributed to residency programs across 28 specialties in 2020 via the main contact on the ACGME listserv. Of the 28 specialties surveyed, at least one response was received from 26 (93%). Eight percent of all programs (364/4675) responded to the survey, with most respondents being program directors. Usage of the MSPE varied among specialties. Approximately 1/3 of end-users stated that the MSPE is very or extremely influential in their initial screening process. Slightly less than half agreed or strongly agreed that they trust the information to be an accurate representation of applicants, though slightly more than half agree that the MSPE will become more influential once USMLE Step 1 becomes pass/fail. Professionalism was rated as the most important component and noteworthy characteristics among the least important in the decision-making process. Performance in the internal medicine clerkship was rated as the most influential while neurology and psychiatry performances were rated as less influential. Overwhelmingly, respondents suggested that including comparative performance and/or class rank would make the MSPE more useful once USMLE Step 1 becomes pass/fail. MSPE end-users across a variety of specialties utilize this complex document in different ways and value it differentially in their decision-making processes. Despite this, continued mistrust of the MSPE persists. A better understanding of end-users’ perceptions of the MSPE offers the UME community an opportunity to transform the MSPE into a highly valued, trusted document of communication.

Introduction

The residency selection process has never been so complex. Residency program leadership must sift through myriad resources about potential applicants in their decision-making process regarding whom to invite and rank for residency slots. In recent years, the total number of applicants, as well as the average number of applications per medical school graduate have increased in all specialties, making the process increasingly onerous [1]. This increase is occurring when programs are being asked to review applicants in a more holistic manner, and this year, to interview candidates virtually [2–6]. Concordant with the sug-gestion of holistic review is the recent announcement from the US Licensing Medical Exam (USMLE) that Step 1 scores will soon be reported as pass/fail [7]. Despite the fact that USMLE Step 1 was designed as a licensing exam, it is common practice for program directors to use the score as a means of comparing candidates to one another [8]. Thus, the decision to change to pass/fail score reporting effectively removes one of the objective measures residency directors use to assess medical students.

The primary method by which undergraduate medical education (UME) institutions communicate with the graduate medical education (GME) community about student applicants is via the medical student performance evaluation (MSPE). The MSPE is one of the several resources used by program direc-tors and others to make decisions regarding both interviewing and ranking candidates [9]. The MSPE typically contains six sections: identifying information, noteworthy characteristics, academic history,
academic progress, summary, and medical school information. In 2016, with the goal of making the MSPE a better communication tool, the Association of American Medical Colleges (AAMC) MSPE Task Force recommended changing its format [10]. It addressed issues of the MSPE’s purpose, length, format and content, with a focus on increased transparency and standardization [10]. Since the initial recommendations, the majority of medical schools have adopted them [11] although there is still significant variability in the format of the MSPE across medical schools [12].

As a tool of communication between UME and GME, an important consideration for the MSPE is the perspective of the end-user, defined as a person who uses the document in the residency selection process. In 2019, we reported on a survey of MSPE end-users in Internal Medicine (IM) [13]. Those findings indicated that the MSPE provided valuable information to end-users in their applicant selection process. We have extended these findings by surveying end-users across 28 specialties to better understand how end-users from different specialties use the data included in the MSPE. To our knowledge, this is the first investigation of end-users’ perceptions of the MSPE across specialties. We hypothesized that different specialties utilize the MSPE for different purposes and at different points in the application process. We also investigated the perceived impact the proposed change in USMLE Step 1 score-reporting might have on the influence of the MSPE.

Methods

Survey construction

The authors used responses from a survey distributed to IM programs directors to inform the development of a pilot survey. In addition to items on the utility of each section of the MSPE, questions about professionalism and the graphic presentation of clerkship grades were included. Items in the pilot survey consisted of both closed- and open-ended questions. A pilot survey was distributed via email to the GME community from the authors’ home institutions (Northwell Health, New York Presbyterian Hospital, Westchester Medical Center). The email included a description and an anonymous link to the survey, which was administered through QualtricsTM.

The authors reviewed the results from the pilot survey (60 responses) and agreed on the final version of the survey through an iterative process (Appendix 1). Three sections of questions resulted: Influence and Usage, Areas of Importance, and Suggestions for the future. During the time between the administration of the pilot survey and development of the final version, the USMLE announced the planned change in score-reporting for the Step 1 exam [7]. Therefore, questions directed at understanding how this change would alter the weight of the MSPE in the decision-making process were added, including an open-ended question addressing what additional information should be included in the MSPE in order to make it more useful to end-users. Closed-ended questions used a 5-point Likert scale asking participants to rate how strongly they agreed with statements, how much each section of the MSPE influences their decisions, or if they wait for the MSPE to be released prior to screening or inviting candidates. The professionalism questions were changed from open- to closed-ended, using the agreement 5-point Likert scale. Otherwise, closed-ended questions were categorical or multiple choice.

Survey distribution

To prepare for distribution of the survey to a wide audience, a panel of recipients was created using the 2019–20 program lists by specialty reports from the Accreditation Council for Graduate Medical Education (ACGME) website [14]. All GME programs in 28 specialties with an email on file were compiled to create a total panel of 4675 US programs. The survey was distributed using QualtricsTM in early 2020. A reminder was sent 10 days after the initial distribution, and 10 days following that. A single response per institution was included in the final analysis.

Data interpretation

Descriptive statistics are presented as the percent of respondents who chose the top two highest anchors on 5-point Likert questions. The data is presented as all respondents, as well as specialty-specific for the core clerkships (family medicine (FM), internal medicine (IM), neurology, obstetrics/gynecology (OB/GYN), pediatrics, psychiatry, and surgery) and specialties with a response rate of at least 15% of the programs surveyed. Two of the authors (JB and JBB) independently used content analysis to determine the presence of themes. Any differences were reconciled via conversation between JB and JBB. The data presented come from the final survey; pilot survey data is not included. Results of content analysis are presented by frequency of response.

Results

Of the 28 specialties surveyed, at least one response was received from 26 (93%) of them. A total of 364/4675 programs (8%) responded to the survey. Of the respondents, 24 (7%) were not directly involved in reviewing MSPEs and were thus removed from the
analysis, leaving 340 included in the overall analysis. Of all programs listed on the ACGME website, response rates were the highest for physical medicine and rehabilitation (PM&R) (19%), emergency medicine (EM) (18%), pediatrics (15%), anesthesiology (13%), and OB/GYN (11%) (Table 1). The majority of end-users who responded to the survey were program directors (89%); other respondents were program administrators (6%), associate program directors (2%), core faculty (2%), and department chairs (1%).

| Table 1. Number and percent response rate by program specialty of all U.S. programs surveyed. |
|---------------------------------------------------------------|
| Specialty                                      | Number of responses by specialty | Number of programs in panel | Percent response rate by specialty |
|---------------------------------------------------------------|
| Allergy And Immunology                                    | 1                             | 66                         | 2%                                    |
| Anesthesiology                                             | 18                            | 143                        | 13%                                   |
| Cardiovascular Disease                                    | 2                             | 214                        | 1%                                    |
| Critical Care Medicine                                    | 1                             | 36                         | 3%                                    |
| Dermatology                                                | 6                             | 125                        | 5%                                    |
| Emergency Medicine                                         | 41                            | 233                        | 18%                                   |
| Endocrinology, Diabetes, And Metabolism                    | 3                             | 123                        | 2%                                    |
| Family Medicine                                            | 30                            | 627                        | 5%                                    |
| Gastroenterology                                           | 2                             | 162                        | 1%                                    |
| Internal Medicine                                          | 39                            | 497                        | 8%                                    |
| Neurological Surgery                                       | 4                             | 100                        | 4%                                    |
| Neurology                                                  | 11                            | 148                        | 7%                                    |
| OB/GYN                                                     | 29                            | 267                        | 11%                                   |
| Ophthalmology                                              | 9                             | 110                        | 8%                                    |
| Orthopedic Surgery                                        | 12                            | 180                        | 7%                                    |
| Otolaryngology                                             | 5                             | 111                        | 5%                                    |
| Pathology-Anatomic and Clinical                            | 12                            | 131                        | 9%                                    |
| Pediatrics                                                 | 28                            | 193                        | 15%                                   |
| Physical Medicine and Rehabilitation                      | 15                            | 78                         | 19%                                   |
| Psychiatry                                                 | 18                            | 232                        | 8%                                    |
| Radiation Oncology                                         | 6                             | 80                         | 8%                                    |
| Radiology-Diagnostic                                       | 15                            | 177                        | 8%                                    |
| Rheumatology                                               | 4                             | 92                         | 4%                                    |
| Sports Medicine                                            | 4                             | 126                        | 3%                                    |
| Surgery                                                    | 19                            | 296                        | 6%                                    |
| Urology                                                    | 6                             | 128                        | 5%                                    |
| Total                                                      | 340                           | 4675                       | 7%                                    |

**Influence and usage**

Approximately one third of all end-users stated that the MSPE is very or extremely influential in their initial screening process (32%), granting invitations for interviews (39%), and rank list decisions (35%). However, the priority of the MSPE in these roles varied amongst the specialties (Table 2).

**Table 2.** Overall and specialty specific attitudes towards the usage and influence of the MSPE. Data presented represents the percent of respondents who chose the top two highest anchors on the respective 5-point Likert scale.

| Current MSPE Influence In | Emergency Medicine n=41 | Family Medicine n=30 | Internal Medicine n=39 | Neurology n=11 | OB/GYN n=29 | Pediatrics n=28 | Psychiatry n=18 | Surgery n=19 | Physical Medicine and Rehabilitation n=31 | Overall n=360 |
|----------------------------|--------------------------|-----------------------|------------------------|---------------|--------------|----------------|----------------|-------------|--------------------------------------------|---------------|
| Initial screening process  | 23%                      | 4%                    | 12%                    | 20%           | 29%          | 13%            | 50%            | 31%         | 60%                                        | 22%           |
| Likelihood for interview   | 26%                      | 14%                   | 39%                    | 36%           | 36%          | 30%            | 67%            | 26%         | 67%                                        | 39%           |
| Framing of interview       | 15%                      | 10%                   | 24%                    | 60%           | 18%          | 41%            | 29%            | 5%          | 31%                                        | 28%           |
| Rank top decisions         | 25%                      | 11%                   | 4%                     | 60%           | 25%          | 30%            | 50%            | 11%         | 58%                                        | 55%           |
| MSPE Usage                  |                           |                       |                        |               |              |                |                |             |                                            |               |
| MSPE Usage                  |                           |                       |                        |               |              |                |                |             |                                            |               |
| MSPE Question               |                           |                       |                        |               |              |                |                |             |                                            |               |
| I trust the information    | 24%                      | 40%                   | 29%                    | 55%           | 45%          | 50%            | 56%            | 53%         | 67%                                        | 48%           |
| MSPE Question               |                           |                       |                        |               |              |                |                |             |                                            |               |
| Other                      |                           |                       |                        |               |              |                |                |             |                                            |               |

a) Percent of programs that respond “Very Influential” and “Extremely Influential”

b) Percent of programs that respond “Frequently” and “Always”

c) Percent of programs that respond “Agree” and “Strongly Agree”

d) Overall includes all specialties surveyed, including those with less than 15% response rates.
tion in the MSPE to be an accurate representation of applicants (Table 2). However, even in those specialties with the most distrust, there was considerable value placed on the role it would take on when USMLE Step 1 becomes pass/fail. In addition, almost all end-users also agreed that Step 2 CK will become more influential in the decision-making process when Step 1 scoring becomes pass/fail.

**Areas of importance**

The importance of the individual MSPE components to the end user is displayed in (Table 3). The professionalism section rated the highest amongst the readers, who also suggested that negative comments carry the most weight in key decisions of both inviting and ranking applicants (Table 4). The academic progress section has end-users focused on graphic representation of the grade with comments about the grade itself (Table 3).

Within the summary paragraph, the majority (79%) of respondents reported that the graphic representation of the applicant’s performance was very or extremely influential. Additionally, most end-users reported that the overall adjective or rank was very or extremely influential. Concluding comments of the MSPE is the least valued of the summary paragraph components (Table 3).

The importance of an applicant’s academic performance in the core clerkships varied by specialty (Table 5). Every specialty ranked performance in their own specialties’ clerkship as most influential.

### Table 3. Overall and specialty specific attitudes on the importance of each MSPE component. Data presented represents the percent of respondents who chose ‘Very Influential’ and ‘Extremely Influential’ on a 5-point Likert scale.

| MSPE Components | Emergency Medicine n=41 | Family Medicine n=30 | Internal Medicine n=39 | Neurology n=11 | OB/GYN n=29 | Pediatrics n=28 | Psychiatry n=18 | Surgery n=19 | Physical Medicine and Rehabilitation n=15 | Overall n=340 |
|-----------------|--------------------------|-----------------------|------------------------|---------------|-------------|---------------|---------------|-----------|--------------------------|--------------|
| Identification Information | 18% | 13% | 11% | 36% | 29% | 19% | 14% | 18% | 20% | 21% | 26% |
| Noteworthy Characteristics | 28% | 16% | 15% | 26% | 44% | 46% | 41% | 37% | 31% | 36% |
| Academic History | 54% | 90% | 89% | 91% | 81% | 96% | 82% | 53% | 93% | 78% |
| Professionalism Comments | 71% | 89% | 86% | 91% | 81% | 75% | 88% | 74% | 93% | 83% |
| Academic Progress | 62% | 66% | 84% | 79% | 74% | 86% | 71% | 58% | 93% | 74% |
| Summary Paragraph | 62% | 66% | 71% | 71% | 67% | 79% | 76% | 74% | 58% | 71% |
| Academic Progress Components | Grade itself | 48% | 26% | 39% | 66% | 58% | 48% | 30% | 81% | 58% | 64% |
| Information regarding components contributing to grades in the clerkship | 40% | 26% | 51% | 50% | 33% | 46% | 41% | 35% | 42% | 56% |
| Graphic representation of applicant’s performance | 63% | 48% | 63% | 56% | 64% | 81% | 41% | 74% | 71% | 63% |
| Narrative comments | 34% | 59% | 63% | 60% | 60% | 67% | 59% | 68% | 71% | 59% |
| Summary Paragraph Components | Overall adjective or performance indicator (rank) | 77% | 65% | 74% | 70% | 68% | 78% | 65% | 74% | 71% | 74% |
| Graphic representation of applicant performance | 77% | 70% | 76% | 80% | 72% | 93% | 65% | 74% | 64% | 75% |
| Concluding comments | 31% | 37% | 41% | 50% | 40% | 48% | 41% | 53% | 52% | 46% |

a) Overall includes all specialties surveyed, including those with less than 15% response rates.

### Table 4. Overall and specialty specific attitudes on professionalism in the MSPE. Data presented on professionalism components represents the percent of participants that agree that a component should be included in the MSPE. Data on professionalism influence are presented as the percent of respondents who chose the top two highest anchors on a 5-point Likert scale.

| Professionalism Components | Emergency Medicine n=41 | Family Medicine n=30 | Internal Medicine n=39 | Neurology n=11 | OB/GYN n=29 | Pediatrics n=28 | Psychiatry n=18 | Surgery n=19 | Physical Medicine and Rehabilitation n=15 | Overall n=340 |
|----------------------------|--------------------------|-----------------------|------------------------|---------------|-------------|---------------|---------------|-----------|--------------------------|--------------|
| Definition of professionalism | 28% | 16% | 14% | 27% | 30% | 18% | 29% | 37% | 7% | 31% |
| Specific examples of positive behaviors | 77% | 82% | 76% | 82% | 52% | 68% | 53% | 41% | 79% | 76% |
| Specific examples of negative behaviors | 100% | 93% | 92% | 91% | 89% | 96% | 94% | 93% | 93% | 93% |
| Professional Influence | Specific examples of positive behaviors will alter a decision about rating on applicant | 63% | 64% | 66% | 73% | 66% | 70% | 76% | 79% | 71% | 66% |
| Specific examples of negative behaviors will alter a decision about rating on applicant | 93% | 100% | 97% | 100% | 93% | 94% | 95% | 93% | 95% | 95% |
| Specific examples of positive behaviors will alter a decision about ranking on applicant | 65% | 67% | 71% | 82% | 75% | 65% | 63% | 86% | 69% | 69% |
| Specific examples of negative behaviors will alter a decision about ranking on applicant | 93% | 96% | 97% | 100% | 96% | 94% | 79% | 96% | 94% | 94% |

a) Percent of programs that responded on a multi-selection checklist that this component should be included in the MSPE.
b) Percent of programs that responded “Agree” and “Strongly Agree.”
c) Overall includes all specialties surveyed, including those with less than 15% response rates.
Table 5. Overall and specialty specific attitudes on the importance of an applicant’s academic performance in core clerkships. Data presented represents the percent of respondents who chose ‘Very Influential’ and ‘Extremely Influential’ on a 5-point Likert scale.

| Core Clerkships                      | Emergency Medicine | Family Medicine | Internal Medicine | Neurology | OB/GYN | Pediatrics | Psychiatry | Surgery | Physical Medicine and Rehabilitation | Overall* |
|--------------------------------------|--------------------|-----------------|-------------------|-----------|--------|------------|-----------|--------|----------------------------------------|-----------|
| Family Medicine                      | 38%                | 96%             | 39%               | 34%       | 46%    | 25%        | 37%       | 31%    | 26%                                    | 57%       |
| Internal Medicine                    | 67%                | 89%             | 100%              | 80%       | 50%    | 59%        | 59%       | 50%    | 58%                                    | 71%       |
| Neurology                            | 13%                | 15%             | 14%               | 100%      | 4%     | 26%        | 26%       | 56%    | 56%                                    | 68%       |
| OB/GYN                               | 50%                | 74%             | 8%                | 40%       | 100%   | 27%        | 13%       | 42%    | 36%                                    | 61%       |
| Pediatrics                           | 54%                | 89%             | 14%               | 58%       | 21%    | 96%        | 25%       | 16%    | 43%                                    | 50%       |
| Psychiatry                           | 31%                | 52%             | 12%               | 70%       | 25%    | 30%        | 88%       | 16%    | 36%                                    | 35%       |
| Surgery                              | 69%                | 42%             | 14%               | 4%        | 48%    | 76%        | 19%       | 95%    | 58%                                    | 66%       |

*Overall includes all specialties surveyed, including those with less than 15% response rates.

(Table 5). However, performance in the IM clerkship was rated as the most influential amongst all specialties.

Suggestions for the future

Recommendations to make the MSPE more useful after USMLE Step 1 score reporting changes included: 1) reporting of comparative performance or class rank (54%); 2) greater transparency including comments addressing areas of improvement (21%); 3) inclusion of more objective measures (e.g., NBME Subject Exam scores) (21%); 4) broader standardization of the template (13%); 5) grades, including reporting of subcomponents (13%). Other suggestions mentioned, but with less frequency (<6%) included a request for earlier release, coinciding with opening of ERAs and the addition of more specific comments about clinical performance, possibly in a framework such as competency, EPA or RIME. The remaining comments were not able to be grouped into a theme due to low frequency.

Discussion

Despite the AAMC MSPE Task Force guidelines seeking to better standardize the preparation of MSPEs across institutions, this has not necessarily translated into standardized usage. The readers of the MSPE are a diverse group and our findings demonstrate that end-users from different specialties utilize the MSPE for different purposes and at different points along the residency recruitment process, from influencing initial screening of applications, to granting an interview, to preparing for the actual interview, and finally, when creating rank lists.

In terms of the structure of the MSPE, end-users indicated that the noteworthy characteristics were not highly valued with approximately one-third of readers citing it as very or extremely influential. The identification of noteworthy characteristics is sometimes stressful for students, onerous for the MSPE writers, open to implicit bias, and not sufficiently consistent to allow for comparisons of students across schools [15]. The information provided in noteworthy characteristics is available in other components of the application for those who advocate its usefulness as part of a holistic review of applicants [16].

The next section in many MSPEs, the academic history, is a snapshot of the academic program and outlines a timeline of the student’s advancement from matriculation to graduation, making it easy for end-users to identify gaps, adverse events, and remediation; thus it is not surprising that this information was valued to a great extent by respondents, more than double in comparison with noteworthy characteristics. With the overview that the academic history offers, readers are better equipped to search for explanations within the text for any student who diverges from the usual four-year progression.

In many MSPEs, academic history is followed by a statement of the student’s professionalism. In responding to our survey, end-users across specialties identified professionalism as an element in which the MSPE could be most influential, particularly regarding lapses, but also when providing examples of positive behaviors. Our survey confirmed what is likely a fear of many medical school administrators – an acknowledgement that report of lapses could adversely impact a decision about the candidate [17]. This dichotomy likely reflects the inherent tension in the MSPE, where MSPE writers strive to advocate for students and help ‘sell’ their applicants to programs and worry that revealing information about a student’s unprofessional behavior may severely limit that student’s ability to match to a program.

The academic progress section offers readers a combination of grades, grading components, comparative performance, and narrative comments, typically focused on student performance in clerkships. In our survey, the academic progress section was valued more for the narrative comments and graphic representation of a student’s performance than how the grades were derived [16]. This is not surprising since there is a lack of standardization of clerkship grades across institutions and across different clerkships within a single institution, making comparisons...
extremely difficult, if not impossible [3,4,18–20]. In trying to understand how different specialties view grades in different core clerkships, performance in the IM clerkship held highest value among all specialties with nearly three-quarters of respondents citing performance in IM as being very or extremely influential. Beyond IM, specialties tend to focus on grades in their own specialties or other closely related specialty grades as next most influential, likely based on shared skill sets and/or disease processes and patient problems.

Finally, and in alignment with the literature [21], programs place particular importance on both the overall final adjective and the graphic representation of comparative performance, both thinly veiled surrogates for class rank. Many schools add a summary statement to the adjective and our data indicate that end-users do not find the summary statement to be useful. The summary is not in line with what end-users want, which is objective information, not the school’s interpretation. These concluding comments, which were less valued, have been shown to be highly variable, with evidence of racial and ethnic bias [22,23]. Indeed, the MSPE task force favors omission of the final paragraph, which is more relevant in a letter of recommendation than a letter of evaluation. Omitting the summary may be a way to entice end-users to read and interpret the entirety of the letter rather than simply the conclusion [22,23].

In looking ahead, respondents overwhelmingly agree that the MSPE will become more influential following the change in USMLE Step 1 score reporting. Coincident with this, our data reveal that many end-users harbor a significant mistrust of the MSPE and have numerous suggestions for inclusion of additional data [24–26]. Until this issue is addressed, it is likely that residency programs will place greater importance on other objective measures (e.g., USMLE Step 2 CK scores, NBME subject exam scores) or on their own internally generated information, such as the EM’s standard letter of evaluation (SLOE) [27,28]. Some of this mistrust may be mitigated with MSPEs that offer more objective information via useful transparent communication about a student’s professionalism, collaborative performance indicators such as class rank, and honesty about academic progress, ideally in the body of the MSPE, not in appendices, which require additional searching and scrolling [11,15]. To maximize benefit to the end-user, the medical education community must strive for greater standardization of this document to promote focus on student performance rather than spending unnecessary time deciphering each school’s unique approach. Perhaps thinking of the MSPE as a learner/trainee ‘hand-off’ [24] may make the MSPE more useful to residency programs, about which further research is necessary.

Limitations

Despite the absolute number of survey respondents of 340, our study is limited by the low overall response rate as well as the variability amongst specialties that responded. Although our numbers per specialty were small, a strength of our study is the wide range of programs which responded, allowing a broad representation of specialties. We opted not to combine specialties into larger groups in order to best represent different approaches to the MSPE use. Our methodology of disseminating the survey to the contact person on the ACGME website was sound but identifying actual readers of the MSPE in each institution remains a challenge.

Conclusions

Our study is the first to our knowledge to query end-users across a wide breadth of specialties to better understand how they use and value the components of the MSPE. It is also the first survey to look ahead and ask how the MSPE might change once USMLE Step 1 ends three-digit score reporting. End-users across a variety of specialties are a diverse group and utilize this complex letter in different ways and, depending on the specialty, value it differentially in their decision-making processes. Across all specialties, continued mistrust of the MSPE persists. With the impending loss of the USMLE Step 1 score as a discriminating metric, this tension may intensify. A better understanding of end-users’ perceptions of the MSPE offers the UME community an opportunity to transform the MSPE into a highly valued, trusted, and transparent method of communication as desired by the medical education community [24].

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Appendix A  Analyzed online documents

Please fill out the below:

Name of institution:
Specialty:
How many interns do you recruit annually?

Which of the following best describes your role?
- Program Director
- Associate Program Director
- Core Faculty
- Training Program Administrator
- Department Chair
- Other

To what extent are you directly involved in reviewing applications for residency?
- I am not at all involved in reviewing applications
- As part of my responsibilities, I review applicants’ MSPE (Medical Student Performance Evaluation—also known as the “Dean’s Letter”)

Please provide the following information on your current usage of U.S. MSPE’s up to the most recent recruitment season.

Please check as many of the following that describe your role in reviewing MSPEs:
- I am directly responsible for reviewing applicants to select candidates to interview
- I am directly responsible for reviewing applications as it pertains to creating the rank list
- I use the MSPE in order to prepare for my interview with applicants
- Other

Approximately how many MSPEs do you read in a recruitment season?
- Less than 100
- 100-199
- 200-299
- 300-399
- 400-499
- Greater than 500

How influential is the MSPE in the following:

|                      | N/A | Not at all influential | Slightly influential | Somewhat influential | Very influential | Extremely influential |
|----------------------|-----|------------------------|----------------------|---------------------|------------------|-----------------------|
| Initial screening process |     |                        |                      |                     |                  |                       |
| Invitation for interview |     |                        |                      |                     |                  |                       |
| Framing of an interview |     |                        |                      |                     |                  |                       |
| Rank list decisions   |     |                        |                      |                     |                  |                       |
To what extent do you agree with the following statement: I trust that the information provided to me in MSPEs is an accurate representation of the applicant.

- Strongly disagree
- Disagree
- Neither agree nor disagree
- Agree
- Strongly Agree

Do you wait for the MSPE to be released before you start screening for interviews?

- Never
- Rarely
- Occasionally
- Frequently
- Always

Do you wait for the MSPE to be released before you start inviting for interviews?

- Never
- Rarely
- Occasionally
- Frequently
- Always

**Step 1 Announcement**

On February 12th, 2020, the USMLE announced that the Step 1 will become Pass/Fail. To what extent do you agree with the following statement when this occurs:

The MSPE will be more influential in decision-making processes.

- Strongly disagree
- Disagree
- Neither agree nor disagree
- Agree
- Strongly Agree

Given the anticipated change in scoring of the USMLE to Pass/Fail, what else should the MSPE report on in order to make it more useful to you?
The AAMC MSPE taskforce produced a set of guidelines intended to provide residency program directors an objective summary of a student’s salient experiences, attributes, and academic performance. The new MSPE format is designed for it to serve as a letter of evaluation, not a letter of recommendation.

Specifically, the revised MSPE should:
- Standardize, to extent possible, information in the MSPE across schools, and present this info clearly, concisely, and in a way that allows it to be easily located.
- Include six sections: Identifying Information, Noteworthy Characteristics (3 bulleted items), Academic History, Academic Progress, Summary, and Medical School Information Include details on professionalism—both deficient and exemplary performance.
- Locate comparative data in the body of the MSPE.
- Include information on how final grades and comparative data are derived (i.e., grading schemes).
- Provide school-wide comparisons if using the final “adjective” or “overall rating and define terms used.

In an effort to increase the usability and quality of MSPEs from our institutions, please provide the following information on what information is most important to you:

| Identifying Information | Not at all influential | Slightly influential | Somewhat influential | Very influential | Extremely influential |
|-------------------------|------------------------|----------------------|---------------------|-----------------|----------------------|
| Applicant’s legal name, year in school, name and location of medical school | |||
| Noteworthy Characteristics | |||
| Three characteristics highlighting the most salient noteworthy characteristics of the applicant, including significant hardships or challenges | |||
| Academic History | |||
| Succinct summary of dates of matriculation, expected graduation, enrollment in dual-degree programs, leaves of absence and gaps in training, adverse actions, remediation, etc | |||
| Academic Progress | |||
| Summary of professional, pre-clinical and clinical performance | |||
| Professionalism | |||
| Comments regarding any exemplary behavior or lapses in professionalism | |||
| Summary Paragraph | |||
| Summative assessment, based upon the school’s evaluation system, of the student’s comparative performance in medical school, relative to their peers | |||

In the section on professionalism in the MSPE, what information would you most want to see?

- Definition of professionalism
- Specific examples of positive behaviors
- Specific examples of negative behaviors

To what extent do you agree that the following will alter your decision about inviting an applicant for an interview?

| Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly Agree |
|-------------------|----------|---------------------------|-------|---------------|
| Specific examples of positive behaviors | |||
| Specific examples of negative behaviors | |||

To what extent do you agree that the following will alter your decision about ranking an applicant?

| Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly Agree |
|-------------------|----------|---------------------------|-------|---------------|
| Specific examples of positive behaviors | |||
| Specific examples of negative behaviors | |||
Within the “**academic progress**” section, schools generally list every core clerkship, inclusive of grades and comments. The new MSPE format suggests including a graphic representation of the applicant’s performance in each clerkship. With this in mind, please rate the importance of each of the following:

| Grade itself | Not at all influential | Slightly influential | Somewhat influential | Very influential | Extremely influential |
|--------------|------------------------|----------------------|----------------------|------------------|----------------------|
| Information regarding components contributing to grades in the clerkship | ○ | ○ | ○ | ○ | ○ |
| Graphic representation of applicant’s performance | ○ | ○ | ○ | ○ | ○ |
| Narrative comments | ○ | ○ | ○ | ○ | ○ |
| Other: | ○ | ○ | ○ | ○ | ○ |

Please rate the importance of an applicant’s academic performance in each of the following clerkships:

| Clerkship            | Not at all influential | Slightly influential | Somewhat influential | Very influential | Extremely influential |
|----------------------|------------------------|----------------------|----------------------|------------------|----------------------|
| Family Medicine      | ○                      | ○                    | ○                    | ○                | ○                    |
| Internal Medicine    | ○                      | ○                    | ○                    | ○                | ○                    |
| Neurology            | ○                      | ○                    | ○                    | ○                | ○                    |
| OB/GYN               | ○                      | ○                    | ○                    | ○                | ○                    |
| Pediatrics           | ○                      | ○                    | ○                    | ○                | ○                    |
| Psychiatry           | ○                      | ○                    | ○                    | ○                | ○                    |
| Surgery              | ○                      | ○                    | ○                    | ○                | ○                    |
16. Of the following sample graphic representations of overall grade, please select which one you prefer:
Within the “**summary paragraph**” section, schools generally include an overall adjective or performance indicator (rank), a graphic distribution of the class performance, and concluding comments. With this in mind, please rate the importance of each of the following:

|                                           | Not at all influential | Slightly influential | Somewhat influential | Very influential | Extremely influential |
|-------------------------------------------|------------------------|----------------------|----------------------|------------------|-----------------------|
| Overall adjective or performance indicator (rank) | ○                      | ○                    | ○                    | ○                | ○                     |
| Graphic representation of applicant performance | ○                      | ○                    | ○                    | ○                | ○                     |
| Concluding comments                       | ○                      | ○                    | ○                    | ○                | ○                     |

When the scoring of the Step 1 changes from the current version to Pass/Fail, to what extent do you agree with the following statements:

|                                           | Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly Agree |
|-------------------------------------------|-------------------|----------|---------------------------|-------|----------------|
| The Step 2 CK (which is remaining a three digit score) will be more influential in decision-making processes | ○                 | ○        | ○                         | ○     | ○              |
| Specialty specific entrance exams will be needed | ○                 | ○        | ○                         | ○     | ○              |

