Published in final edited form as:

Cancer. 2015 December 1; 121(23): 4267-4268. doi:10.1002/cncr.29632.

Reply to It Is Not All Black and White: Future Incidence of Stomach Cancer Will Be Substantially Higher Than Projected Due to the Effects of Immigration and Increasing Hispanic and Asian Populations in the United States

Hannah K. Weir, PhD,

Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, Atlanta, Georgia

Trevor D. Thompson, BS,

Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, Atlanta, Georgia

Ashwini Soman, MBBS, MPH,

Northrop Grumman Corporation, Atlanta, Georgia

Bjorn Møller, PhD, and

Department of Registration, Cancer Registry of Norway, Oslo, Norway

Steven Leadbetter, MS

Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, Atlanta, Georgia

Drs. Hillard and Graham have provided thoughtful comments on our article, ¹ and we agree that we might have underestimated the projected incidence of stomach cancer. As they note, the results of our analyses were limited to the 2 major racial groups in the United States (blacks and whites) and did not include predictions of the cancer burden for other racial and ethnic groups. The age-period-cohort models that we used require a minimum of 20 years of incidence data to generate reasonable estimates for predicting future trends in cancer incidence.² The data for these models came from 9 Surveillance, Epidemiology, and End Results (SEER) population-based cancer registries, which cover approximately 10% of the US population.³ In more recent years, both SEER registries and those participating in the Centers for Disease Control and Prevention's National Program of Cancer Registries have been collecting more detailed information regarding race, including Asian/Pacific Islander subpopulations and ethnicity (Hispanic and non-Hispanic).⁴ In addition, cancer registries are now in all 50 states and the District of Columbia. In the future, with expanded population coverage and more detailed information concerning race and ethnicity, it will be possible to predict the cancer incidence burden for Asian/Pacific Islander and Hispanic individuals and thus improve the projections for cancers that disproportionately impact these populations.

Weir et al. Page 2

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

Acknowledgments

No specific funding was disclosed.

References

- Weir HK, Thompson TD, Soman A, Moller B, Leadbetter S. The past, present, and future of cancer incidence in the United States: 1975 through 2020. Cancer. 2015; 121:1827–1837. [PubMed: 25649671]
- 2. Moller B, Fekjaer H, Hakulinen T, et al. Prediction of cancer incidence in the Nordic countries up to the year 2020. Eur J Cancer Prev. 2002; 11(suppl 1):S1–S96. [PubMed: 12442806]
- 3. Howlader, N.; Noone, AM.; Krapcho, M., et al., editors. SEER Cancer Statistics Review. Bethesda, MD: National Cancer Institute; 2015. p. 1975-2012.
- 4. US Cancer Statistics Working Group. United States Cancer Statistics: 1999–2011 Incidence and Mortality Web-based Report. Atlanta, GA: US Department of Health and Human Services, Centers for Disease Control and Prevention, National Cancer Institute; 2014.