

Commerce, 351 F. Supp. 3d at 516; *see id.* at 635-64. He vacated the Secretary's decision and enjoined its implementation. *See id.* at 671-80. The defendants filed a notice of appeal and a petition for certiorari before judgment in the Supreme Court. The Supreme Court granted their petition and then affirmed on the ground that the Secretary's stated rationale was pretextual. *See Dep't of Commerce v. New York*, 139 S. Ct. at 2573-76. Thereafter, on consent, Judge Furman entered a permanent injunction barring the Secretary from asking persons about citizenship status as part of the 2020 decennial census. *See* Order at 2, ECF No. 653, *New York*, No. 18-CV-2921 (JMF) (S.D.N.Y. Aug. 7, 2019).

Shortly after the Supreme Court affirmed Judge Furman's judgment, the President responded with an Executive Order aimed at "compil[ing]" citizenship data "by other means." Collecting Information About Citizenship Status in Connection With the Decennial Census, Exec. Order No. 13,880 § 1, 84 Fed. Reg. 33,821, 33,821 (July 16, 2019). The Executive Order directed "all executive departments and agencies" to provide to the Department "the maximum assistance permissible, consistent with law, in determining the number of citizens and non-citizens in the country, including by providing any access that the Department may request to administrative records." *Id.* § 3 at 33,824. The Executive Order explained that data identifying citizens would, among other things, "help . . . generate a more reliable count of the unauthorized alien population in the country," which "would," in turn, "be useful . . . in evaluating many policy proposals." *Id.* § 1 at 33,823. Noting that the Supreme Court's decision in *Evenwel v. Abbott*, 136 S. Ct. 1120 (2016), had "left open the question whether 'States may draw districts to equalize voter-eligible population rather than total population,'" the Executive Order also explained that citizenship data could be used by states "to design State and local legislative districts based on the population of voter-eligible citizens." *Id.* § 1 at 33,823-24. The Executive

Order said nothing about using citizenship data for purposes of congressional apportionment. Similarly, in remarks he made when announcing the Executive Order, the President made no mention of using citizenship data in connection with congressional apportionment. *See* Remarks on Citizenship and the Census, 2019 DAILY COMP. PRES. DOC. 465 (July 11, 2019), <https://www.govinfo.gov/content/pkg/DCPD-201900465/pdf/DCPD-201900465.pdf>.

D. The 2020 Census

On February 8, 2018 the Census Bureau promulgated the “Residence Rule” establishing the residence criteria for the 2020 census. *See* Final 2020 Census Residence Criteria and Residence Situations, 83 Fed. Reg. 5525 (Feb. 8, 2018) (the “Residence Rule” or the “Rule”). “The residence criteria are used to determine where people are counted during each decennial census.” *Id.* at 5526. “[G]uided by the constitutional and statutory mandates to count all residents of the several states,” the Rule explains, “[t]he state in which a person resides and the specific location within that state is determined in accordance with the concept of ‘usual residence,’ which is defined by the Census Bureau as the place where a person lives and sleeps most of the time. . . . This concept of ‘usual residence’ is grounded in the law providing for the first census, the Act of March 1, 1790, expressly specifying that persons be enumerated at their ‘usual place of abode.’” *Id.* Applying these criteria, the Rule explains that all “[c]itizens of foreign countries living in the United States” are to be “[c]ounted at the U.S. residence where they live and sleep most of the time,” with the exception of “[c]itizens of foreign countries living in the United States who are members of the diplomatic community” (who are counted at the embassy, consulate, United Nations’ facility, or other residences where diplomats live) and “[c]itizens of foreign countries visiting the United States, such as on a vacation or business trip” (who are not counted at all). *Id.* at 5533. Notably, during the notice-and-comment process, the

Census Bureau considered a comment “express[ing] concern about the impact of including undocumented people in the population counts for redistricting because these people cannot vote.” *Id.* at 5530. But the Census Bureau decided to “retain the proposed residence situation guidance for foreign citizens in the United States,” reiterating that “[f]oreign citizens are considered to be ‘living’ in the United States if, at the time of the census, *they are living and sleeping most of the time at a residence in the United States.*” *Id.* (emphasis added).

The Census Bureau relies on various means to obtain census data, beginning with a questionnaire to which households are asked to self-respond and ending with a set of procedures known as “Non-Response Follow-Up” operations. *See New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 521. The 2020 census count “officially began in the rural Alaskan village of Toksook Bay” on January 21, 2020. U.S. Census Bureau, *Important Dates*, U.S. CENSUS 2020, <https://2020census.gov/en/important-dates.html> (last visited September 7, 2020). Census operations were in full swing by mid-March, when the Census Bureau was confronted with the unprecedented challenge of the COVID-19 pandemic. On April 13, 2020, the Secretary and the Director announced that, due to the pandemic, the Census Bureau would temporarily suspend field data collection activities; seek a 120-day extension from Congress of the deadline “to deliver final apportionment counts”; and “extend the window for field data collection and self-response to October 31, 2020, which will allow for apportionment counts to be delivered to the President by April 30, 2021.” *U.S. Department of Commerce Secretary Wilbur Ross and U.S. Census Bureau Director Steven Dillingham Statement on 2020 Census Operational Adjustments Due to COVID-19*, U.S. CENSUS BUREAU (Apr. 13, 2020), <https://www.census.gov/newsroom/press-releases/2020/statement-covid-19-2020.html>. In the following months, representatives of

the Census Bureau reiterated on multiple occasions that additional time was required to complete the apportionment count and deliver it to the President.⁵

The Census Bureau resumed field operations in May 2020. *See* U.S. Census Bureau, *2020 Census Operational Adjustments Due to COVID-19* (“*Census Operations Adjustments*”), U.S. CENSUS 2020, <https://2020census.gov/en/news-events/operational-adjustments-covid-19.html> (last visited Sept. 9, 2020). Despite the Census Bureau’s earlier statements indicating the need for more time to complete the census, Director Dillingham announced on August 3, 2020, that the Census Bureau would end field operations on September 30, 2020, a month earlier than the previously announced deadline of October 31, 2020. *See Statement from U.S. Census Bureau Director Steven Dillingham: Delivering a Complete and Accurate 2020 Census Count*, U.S. CENSUS BUREAU (Aug. 3, 2020), <https://www.census.gov/newsroom/press-releases/2020/delivering-complete-accurate-count.html>; *see also* ECF No. 62 (“NGO Pls. Compl.”), ¶¶ 10 & n.3, 114, 174 n.69. As of today, therefore, the census is still ongoing — with enumerators conducting in-person Non-Response Follow-Up work to ensure that any household that did not self-respond to the census is nonetheless counted as part of the “actual Enumeration.” *See Census Operations Adjustments*; *see also* ECF No. 34 (“Gov’t Pls.’ Compl.”), ¶ 130 & n.20. In fact, there is some doubt about the date on which these efforts will end and the counting will

⁵ *See, e.g.*, U.S. CENSUS BUREAU, OPERATIONAL PRESS BRIEFING – 2020 CENSUS UPDATE 21 (July 8, 2020), <https://www.census.gov/content/dam/Census/newsroom/press-kits/2020/news-briefing-program-transcript-july8.pdf> (statement of Albert Fontenot, Assoc. Dir. for Decennial Census Programs) (explaining that the Bureau was “past the window of being able” to produce the apportionment count by December 31, 2020); *see also, e.g.*, Nat’l Conf. of Am. Indians, 2020 Census Webinar: American Indian/Alaska Native, YOUTUBE (May 26, 2020), <https://www.youtube.com/watch?v=F6IyJMtDDgY&feature=youtu.be&t=4689> (statement of Tim Olson, Assoc. Dir. For Field Operations) (explaining that “[w]e have passed the point where [the Bureau] could even meet the current legislative requirement of December 31. We can’t do that anymore. We’ve passed that for quite a while now.”).

stop. On September 5, 2020, the Honorable Lucy H. Koh, United States District Judge for the Northern District of California, entered a temporary restraining order enjoining the Census Bureau from “implementing the August 3, 2020 [plan] or allowing to be implemented any actions as a result of the shortened timelines in the August 3, 2020 [plan].” *Nat’l Urban League v. Ross*, No. 20-CV-5799 (LHK), 2020 WL 5291452, at *4 (N.D. Cal. Sept. 5, 2020). A preliminary injunction hearing is scheduled in that case for September 17, 2020. *See id.*

E. The Presidential Memorandum

In the meantime — that is, with the census count still being conducted — on July 21, 2020, the President issued the Presidential Memorandum, titled “Excluding Illegal Aliens From the Apportionment Base Following the 2020 Census.” Presidential Memorandum, 85 Fed. Reg. at 44,679. In it, the President declared that, “[f]or the purpose of the reapportionment of Representatives following the 2020 census, it is the policy of the United States to exclude from the apportionment base aliens who are not in a lawful immigration status . . . to the maximum extent feasible and consistent with the discretion delegated to the executive branch.” *Id.* at 44,680. “Excluding these illegal aliens from the apportionment base,” the President posited, “is more consonant with the principles of representative democracy underpinning our system of Government. Affording congressional representation, and therefore formal political influence, to States on account of the presence within their borders of aliens who have not followed the steps to secure a lawful immigration status under our laws undermines those principles.” *Id.* Additionally, the President asserted that “[i]ncreasing congressional representation based on the presence of aliens who are not in a lawful immigration status would also create perverse incentives encouraging violations of Federal law” and that “States adopting policies that encourage illegal aliens to enter this country and that hobble Federal efforts to enforce the

immigration laws passed by the Congress should not be rewarded with greater representation in the House of Representatives.” *Id.* Referring to one State with “more than 2.2 million illegal aliens” — apparently California, *see* ECF No. 75 (“Pls.’ Rule 56.1 Statement”), ¶ 4 — the Presidential Memorandum noted that “[i]ncluding these illegal aliens in the population of the State for the purpose of apportionment could result in the allocation of two or three more congressional seats than would otherwise be allocated.” Presidential Memorandum, 85 Fed. Reg. at 44,680.

To implement this new “policy of the United States,” the President directed the Secretary to provide him with two sets of data. First, the Presidential Memorandum mandates that, “[i]n preparing his report to the President under section 141(b) of title 13, United States Code, the Secretary shall take all appropriate action, consistent with the Constitution and other applicable law, to provide information permitting the President, to the extent practicable, to exercise the President’s discretion to carry out the policy.” *Id.* Second, “[t]he Secretary shall *also* include in that report information tabulated according to the methodology set forth in *Final 2020 Census Residence Criteria and Residence Situations*, 83 FR 5525 (Feb. 8, 2018).” *Id.* (emphasis added). In other words, to the extent “feasible” or “practicable,” the Secretary is now required to include *two* sets of numbers for each State in his report to the President under Section 141(b) of the Census Act: first, the total population as determined in accordance with the Residence Rule, which includes citizens of foreign countries “living in the United States,” without regard for the legal status of such persons in this country, Residence Rule, 83 Fed. Reg. at 5533; and second, the total population *minus* the number of “aliens who are not in a lawful immigration status.” Presidential Memorandum, 85 Fed. Reg. at 44,680.

F. This Litigation

On July 24, 2020 — only three days after the Presidential Memorandum — both the Governmental Plaintiffs and the NGO Plaintiffs filed their initial complaints. *See* ECF No. 1; 20-CV-5781, ECF No. 1.⁶ In their now-amended Complaints, Plaintiffs contend that the Presidential Memorandum violates the Constitution’s Enumeration Clause, as modified by the Fourteenth Amendment; is motivated by discriminatory animus toward Hispanics and immigrant communities of color, in violation of the equal protection component of the Fifth Amendment’s Due Process Clause; coerces state and local governments and denigrates the equal sovereignty of the States in violation of the Tenth Amendment; violates the constitutional separation of powers by usurping the authority Congress delegated to the Secretary; constitutes an *ultra vires* violation of 2 U.S.C. § 2a and 13 U.S.C. § 141; violates the APA; and violates the Census Act’s prohibition on the use of statistical sampling for purposes of congressional apportionment, *see* 13 U.S.C. §§ 141, 195. They seek a declaration that the Presidential Memorandum is unlawful, an injunction prohibiting Defendants from taking any action to implement or further the Memorandum, and writs of mandamus compelling the Secretary and the President to transmit figures that do not exclude illegal aliens based on immigration status.

The cases were initially assigned to Judge Furman alone, who consolidated them pursuant to Rule 42(a)(2) of the Federal Rules of Civil Procedure. ECF No. 43, at 1. On August 5, 2020, Judge Furman held an initial pretrial conference by telephone. During the conference,

⁶ At least six other cases in four other Districts have been filed challenging the Presidential Memorandum. *See* Compl., *Common Cause v. Trump*, No. 20-CV-2023 (D.D.C. July 23, 2020); Compl., *Haitian-Ams. United, Inc. v. Trump*, No. 20-CV-11421 (D. Mass. July 27, 2020); Compl., *City of San Jose v. Trump*, No. 20-CV-5167 (N.D. Cal. July 27, 2020); Compl., *California v. Trump*, No. 20-CV-5169 (N.D. Cal. July 28, 2020); Compl., *Useche v. Trump*, No. 20-CV-2225 (D. Md. July 31, 2020); Second Am. Compl., *La Union Del Pueblo Entero v. Trump*, No. 19-CV-2710 (D. Md. Aug. 13, 2020).

Plaintiffs advised that they intended to immediately file a motion for summary judgment (or, in the alternative, a preliminary injunction), and Defendants advised that they intended to file a motion to dismiss. ECF No. 79 (“Aug. 5, 2020 Tr.”), at 11, 27, 36-38; *see also* ECF No. 37 (“Joint Pre-Conference Ltr.”), at 6. Noting that Plaintiffs disclaimed the need for any discovery in connection with their motion for summary judgment or a preliminary injunction, Judge Furman set an expedited schedule and cautioned that, “[i]f defendants believe[d]” upon seeing Plaintiffs’ motion papers “that there is any need for discovery,” they were required “to confer” with Plaintiffs “immediately and then submit a joint letter.” Aug. 5, 2020 Tr. at 46.

At Plaintiffs’ request, and without objection from Defendants, Judge Furman filed a formal request on August 7, 2020, for the appointment of a three-judge district court pursuant to 28 U.S.C. § 2284(b). *See* ECF No. 68; *see also* ECF Nos. 58, 65. On August 10, 2020, the Honorable Robert A. Katzmann, then the Chief Judge of the Second Circuit, designated Judges Wesley and Hall to serve as the other members of a three-judge panel to hear these cases. *See* ECF No. 82. Thereafter, the panel adopted the scheduling order previously entered by Judge Furman alone. *See* ECF No. 86.

Pursuant to that scheduling order, Plaintiffs filed their motion on August 7, 2020. *See* ECF No. 74. Plaintiffs seek summary judgment (or, in the alternative, a preliminary injunction) on only some of their claims, namely that the Presidential Memorandum violates the Enumeration Clause and Fourteenth Amendment and constitutes an *ultra vires* violation of the statutes governing the census and apportionment. *See* ECF No. 77 (“Pls.’ Mem.”), at 10-40. Plaintiffs’ motion is supported by declarations of both fact and expert witnesses. *See* ECF No. 76 (“Colangelo Decl.”); ECF No. 149 (“Goldstein Decl.”).

In response, Defendants did not ask to depose Plaintiffs' declarants or request discovery of any kind; nor did they seek a hearing. Instead, on August 19, 2020, they filed their opposition to Plaintiffs' motion and a cross-motion to dismiss. *See* ECF No. 117. To the extent relevant here, they argue that the Court lacks jurisdiction to hear Plaintiffs' claims because they are unripe and Plaintiffs lack standing; that the Enumeration Clause and *ultra vires* claims fail because the decision to exclude illegal aliens from the apportionment base is a lawful exercise of the President's discretion with respect to the census and apportionment; that Plaintiffs are not entitled to injunctive relief because they cannot show irreparable harm; and that the President is not a proper defendant. *See* ECF No. 118 ("Defs.' Mem."). On August 28, 2020, the motions became fully briefed, *see* ECF No. 154 ("Defs.' Reply"), and on September 3, 2020, the Court held oral argument by telephone.

SUMMARY JUDGMENT STANDARD

Summary judgment is appropriate where the admissible evidence and pleadings demonstrate "no genuine dispute as to any material fact and the movant is entitled to judgment as a matter of law." Fed. R. Civ. P. 56(a); *see also Johnson v. Killian*, 680 F.3d 234, 236 (2d Cir. 2012) (per curiam). A dispute over an issue of material fact qualifies as genuine "if the evidence is such that a reasonable jury could return a verdict for the nonmoving party." *Anderson v. Liberty Lobby, Inc.*, 477 U.S. 242, 248 (1986); *accord Roe v. City of Waterbury*, 542 F.3d 31, 35 (2d Cir. 2008). The initial burden of establishing that no genuine factual dispute exists rests upon the party seeking summary judgment. *See Chambers v. TRM Copy Ctrs. Corp.*, 43 F.3d 29, 36 (2d Cir. 1994). If the moving party shows a *prima facie* entitlement to summary judgment,

“the burden shifts to the nonmovant to point to record evidence creating a genuine issue of material fact.” *Salahuddin v. Goord*, 467 F.3d 263, 273 (2d Cir. 2006).

In ruling on a motion for summary judgment, a court must view all evidence “in the light most favorable to the non-moving party,” *Overton v. N.Y. State Div. of Mil. & Naval Affs.*, 373 F.3d 83, 89 (2d Cir. 2004), and must “resolve all ambiguities and draw all permissible factual inferences in favor of the party against whom summary judgment is sought,” *Sec. Ins. Co. of Hartford v. Old Dominion Freight Line, Inc.*, 391 F.3d 77, 83 (2d Cir. 2004). To defeat a motion for summary judgment, the non-moving party must advance more than a “scintilla of evidence,” *Anderson*, 477 U.S. at 252, and demonstrate more than “some metaphysical doubt as to the material facts,” *Matsushita Elec. Indus. Co. v. Zenith Radio Corp.*, 475 U.S. 574, 586 (1986). The non-moving party “cannot defeat the motion by relying on the allegations in [its] pleading, or on conclusory statements, or on mere assertions that affidavits supporting the motion are not credible.” *Gottlieb v. County of Orange*, 84 F.3d 511, 518 (2d Cir. 1996) (internal citation omitted).

STANDING AND RIPENESS

As noted, Plaintiffs move for summary judgment on two grounds: that Defendants’ decision to exclude illegal aliens from the apportionment base violates the Enumeration Clause and the Fourteenth Amendment of the Constitution; and that it exceeds the authority granted by Congress in the statutes that govern the census and congressional apportionment. *See* Pls.’ Mem. 10-40. Before reaching the merits of either argument, however, we must address Defendants’ contention that we lack jurisdiction. *See, e.g., Steel Co. v. Citizens for a Better Env’t*, 523 U.S.

83, 88-89 (1998) (noting that subject-matter jurisdiction cannot be assumed and is a “threshold question that must be resolved . . . before proceeding to the merits”).

Defendants argue and move to dismiss on the ground that we lack jurisdiction for two reasons: because Plaintiffs fail to establish that they have standing to sue and because their claims are not yet ripe. Where, as here, the question is whether a plaintiff’s injury is sufficiently “real and concrete rather than speculative and hypothetical, the ripeness inquiry merges almost completely with standing.” *Thomas v. Anchorage Equal Rights Comm’n*, 220 F.3d 1134, 1138-39 (9th Cir. 2000) (citation omitted); accord *Susan B. Anthony List v. Driehaus*, 573 U.S. 149, 157 n.5 (2014); *Nat’l Org. for Marriage, Inc. v. Walsh*, 714 F.3d 682, 688 (2d Cir. 2013) (quoting *Simmonds v. INS*, 326 F.3d 351, 357 (2d Cir. 2003)). Thus, courts often address them together under the single umbrella term of “standing,” see, e.g., *Susan B. Anthony List*, 573 U.S. at 157 n.5; *Nat’l Org. for Marriage*, 714 F.3d at 689 n.6, and we will do the same here. But there is a second, arguably distinct form of ripeness doctrine that Defendants invoke: prudential ripeness, which concerns whether a case that might qualify as a bona fide case or controversy is nevertheless better decided later. See, e.g., *Stolt-Nielsen S.A. v. AnimalFeeds Int’l Corp.*, 559 U.S. 662, 670 n.2 (2010) (“Ripeness reflects constitutional considerations that implicate Article III limitations on judicial power, as well as prudential reasons for refusing to exercise jurisdiction.” (internal quotation marks and citation omitted)). We will begin with the issue of standing — the toughest issue in this case — and then turn briefly to prudential ripeness.

A. The Law of Standing

Article III of the Constitution limits the “judicial Power” of the United States to “Cases” and “Controversies.” See U.S. Const. art. III, § 2. This means that all suits filed in federal court must be “cases and controversies of the sort traditionally amenable to, and resolved by, the

judicial process.” *Steel Co.*, 523 U.S. at 102. One way courts implement that requirement is by ensuring that “at least one plaintiff” in any federal case has “standing.” *Dep’t of Commerce v. New York*, 139 S. Ct. at 2565; *see also Rumsfeld v. Forum for Acad. & Institutional Rights, Inc.*, 547 U.S. 47, 52 n.2 (2006) (noting that, in a case with multiple plaintiffs, “the presence of one party with standing is sufficient to satisfy Article III’s case-or-controversy requirement”).

Standing, in turn, is measured by a “familiar three-part test,” which requires a plaintiff to show (1) “an injury in fact, (2) that is fairly traceable to the challenged conduct of the defendant, and (3) that is likely to be redressed by a favorable judicial decision.” *Gill v. Whitford*, 138 S. Ct. 1916 (2018) (quoting *Spokeo, Inc. v. Robins*, 136 S. Ct. 1540, 1547 (2016)). The plaintiff must make this showing “in the same way as any other matter on which the plaintiff bears the burden of proof, *i.e.*, with the manner and degree of evidence required at the successive stages of the litigation.” *Lujan v. Defs. of Wildlife*, 504 U.S. 555, 561 (1992). To prevail on a motion for summary judgment, therefore, “mere allegations of injury are insufficient. Rather, a plaintiff must establish that there exists no genuine issue of material fact as to justiciability” *House of Representatives*, 525 U.S. at 329; *see Lujan*, 504 U.S. at 561 (stating that, on summary judgment, a plaintiff “can no longer rest on such ‘mere allegations,’” as at the pleading stage, “but must ‘set forth’ by affidavit or other evidence ‘specific facts’” that demonstrate standing. (quoting Fed. R. Civ. P. 56(e)).

Injury in fact is “the first and foremost of standing’s three elements.” *Spokeo*, 136 S. Ct. at 1547 (internal quotation marks, alterations, and citation omitted). “To establish injury in fact, a plaintiff must show that he or she suffered an invasion of a legally protected interest that is concrete and particularized and actual or imminent, not conjectural or hypothetical.” *Id.* at 1548 (internal quotation marks and citation omitted). Significantly, an injury “need not be actualized”

to satisfy Article III. *Davis v. Fed. Election Comm’n*, 554 U.S. 724, 734 (2008). Instead, a “future injury” can suffice, so long as it is “certainly impending, or there is a substantial risk that the harm will occur.” *Susan B. Anthony List*, 573 U.S. at 157 (internal quotation marks and citation omitted); *see also Clapper v. Amnesty Int’l USA*, 568 U.S. 398, 414 n.5 (2013) (noting that plaintiffs need not “demonstrate that it is literally certain that the harms they identify will come about”); *House of Representatives*, 525 U.S. at 332-33 (finding standing “on the basis of the expected effects . . . on intrastate redistricting” — namely, that certain jurisdictions were “substantially likely . . . [to] suffer vote dilution”). Ultimately, the injury-in-fact requirement is meant to “ensure that the plaintiff has a personal stake in the outcome of the controversy.” *Susan B. Anthony List*, 573 U.S. at 158 (internal quotation marks and citation omitted).

The second element requires proof that the plaintiff’s injury is “fairly traceable” to the defendant’s challenged conduct. Put differently, “there must be a causal connection between the injury and the conduct complained of — the injury has to be fairly traceable to the challenged action of the defendant, and not the result of the independent action of some third party not before the court.” *Lujan*, 504 U.S. at 560 (internal quotation marks, alterations, and citation omitted). Importantly, “[p]roximate causation is *not* a requirement of Article III standing, which requires only that the plaintiff’s injury be *fairly traceable* to the defendant’s conduct.” *Lexmark Int’l, Inc. v. Static Control Components, Inc.*, 572 U.S. 118, 134 n.6 (2014) (emphases added); *see also Rothstein v. UBS AG*, 708 F.3d 82, 91 (2d Cir. 2013) (“[T]he ‘fairly traceable’ standard is lower than that of proximate cause.”). Accordingly, “Article III ‘requires no more than *de facto* causality.’” *Dep’t of Commerce v. New York*, 139 S. Ct. at 2566 (quoting *Block v. Meese*, 793 F.2d 1303, 1309 (D.C. Cir. 1986) (Scalia, J.)). Relatedly, for an injury to be “fairly traceable” to a defendant’s conduct, that conduct need not be “the very last step in the chain of

causation.” *Bennett v. Spear*, 520 U.S. 154, 168–69 (1997). Indeed, as the Supreme Court explained in finding that the plaintiffs challenging the decision to add a citizenship question to the census had standing, when a “theory of standing” relies “on the predictable effect of Government action on the decisions of third parties,” traceability is satisfied. *Dep’t of Commerce v. New York*, 139 S. Ct. at 2566. This may be so “even when the decisions are illogical or unnecessary.” *New York v. U.S. Dep’t of Homeland Sec.*, 969 F.3d 42, 59 (2d Cir. 2020).

Third and finally, a plaintiff’s injury must be “redressable” by the relief sought — that is, “it must be likely, as opposed to merely speculative, that the injury will be redressed by a favorable decision.” *Lujan*, 504 U.S. at 561 (internal quotation marks and citation omitted). “[T]he very essence of the redressability requirement” is that a request for “[r]elief that does not remedy the injury suffered cannot bootstrap a plaintiff into federal court.” *Steel Co.*, 523 U.S. at 107. But if there is “a likelihood that the requested relief will redress the [plaintiff’s] injury,” the requirement is satisfied. *Id.* at 103; *see also Friends of the Earth, Inc. v. Laidlaw Env’t Servs. (TOC), Inc.*, 528 U.S. 167, 185-86 (2000) (“[F]or a plaintiff who is injured or faces the threat of future injury due to illegal conduct ongoing at the time of suit, a sanction that effectively abates that conduct and prevents its recurrence provides a form of redress.”). Notably, the redressability requirement does not require a plaintiff to show that the relief sought will remedy all injuries alleged. Instead, “‘the relevant inquiry is whether . . . the plaintiff has shown *an* injury to himself that is likely to be redressed by a favorable decision.’” In other words, a plaintiff satisfies the redressability requirement when he shows that a favorable decision will relieve a discrete injury to himself. He need not show that a favorable decision will relieve his *every* injury.” *Larson v. Valente*, 456 U.S. 228, 243 n.15 (1982) (citations omitted) (quoting

Simon v. E. Ky. Welfare Rights Org., 426 U.S. 26 (1976)). Nor need the plaintiff prove that judicial relief will remedy an injury entirely. It is enough that the “risk [of the alleged harm] would be reduced to some extent if [the plaintiffs] received the relief they seek.” *Massachusetts v. E.P.A.*, 549 U.S. 497, 526 (2007); *cf. Church of Scientology of Cal. v. United States*, 506 U.S. 9, 13 (1992) (“Even though it is now too late to prevent, or to provide a fully satisfactory remedy for, the [injury], a court does have power to effectuate a partial remedy.”).

B. Facts Relevant to Standing

Plaintiffs press two categories of harm: (1) “harms stemming from the exclusion of undocumented immigrants in the apportionment count”; and (2) “harms caused by the Memorandum’s deterrent effect on census participation.” Pls.’ Reply 29. With respect to the first category, the Presidential Memorandum’s express goal is to stop “[a]ffording congressional representation, and therefore formal political influence, to States on account of” their illegal alien population. Presidential Memorandum, 85 Fed. Reg. at 44,680. In particular, the Memorandum itself anticipates that excluding illegal aliens from the apportionment count could reduce the number of representatives in States with large immigrant populations, noting explicitly that in “one State . . . home to more than 2.2 million illegal aliens,” *id.* — apparently, California, *see* Pls.’ Rule 56.1 Statement ¶¶ 3-4 — the inclusion of illegal aliens could “result in the allocation of two or three more congressional seats than would otherwise be allocated,” Presidential Memorandum, 85 Fed. Reg. at 44,680. In addition to the Memorandum itself, Plaintiffs proffer an expert analysis that concludes that the wholesale exclusion of illegal aliens from the apportionment base “is likely to have substantial effects on the population counts of each state” and, more specifically, “will almost certainly lead Texas to lose a seat in Congress”; would “likely . . . lead California and New Jersey to lose a congressional seat”; and “could lead other

states, such as Arizona, Florida, New York, or Illinois, to lose seats.” ECF No. 76-58

(“Warshaw Decl.”), ¶ 11.

With respect to the second category of harm, Plaintiffs submit a number of declarations — uncontested by Defendants — demonstrating the Presidential Memorandum’s deterrent effect on participation in the decennial census, particularly among noncitizens, immigrants, and their family members, and, in turn, the adverse consequences that are likely to flow from that deterrent effect.⁷ The Presidential Memorandum deters census participation for at least two distinct reasons. First, the Presidential Memorandum engenders fear and distrust among illegal aliens

⁷ Although Defendants do not dispute the facts in Plaintiffs’ declarations, they argue that the declarations are “impermissibly conjectural, conclusory, and hearsay.” Defs.’ Mem. 12. Defendants are correct to point out that we “may consider affidavits and other materials beyond the pleadings to resolve the jurisdictional issue,” but “may not rely on conclusory or hearsay statements contained in the affidavits.” *New York v. U.S. Dep’t of Commerce*, 315 F. Supp. 3d 766, 780 (S.D.N.Y. 2018) (internal quotation marks omitted). But Plaintiffs’ declarations are not conclusory insofar as they describe with concrete detail the specific experience of various non-governmental and governmental entities. By way of example, several NGO Plaintiffs give specific and concrete evidence of the ways in which their operations have shifted to respond to the Memorandum. *See, e.g.*, ECF No. 76-18 (“Espinosa Decl.”), ¶ 14; ECF No. 76-14 (“Choi Decl.”), ¶¶ 17, 20-21; ECF No. 76-26 (“Khalaf Decl.”), ¶ 15; ECF No. 76-36 (“Oshiro Decl.”), ¶ 12; ECF No. 76-47 (“Torres Decl.”), ¶¶ 22-23.

Furthermore, although the declarations do contain some inadmissible hearsay (e.g., where they report information secondhand), Defendants are incorrect in suggesting that, without it, the declarations are insufficient to support a showing that “the Presidential Memorandum would have an appreciable effect on the participation of illegal aliens” in the census. Defs.’ Mem. 14-15. Many of the statements in Plaintiffs’ declarations recount comments made by immigrants in response to the Presidential Memorandum, *see, e.g.*, ECF No. 76-17 (“Cullinane Decl.”), ¶ 8; ECF No. 149-3 (“Espinosa Supp. Decl.”), ¶ 5, which are admissible to prove state of mind, *see* Fed. R. Evid. 803(3). Additionally, references in the declarations to third-party statements are admissible to demonstrate the effect that these statements had on others — for example, that NGO Plaintiffs diverted resources in response to deterred census participation. *See, e.g., United States v. Reed*, 639 F.2d 896, 907 (2d Cir. 1981). Finally, the declarations also contain information about the general atmosphere of fear, confusion, and apathy towards the census in various communities, information that is based on declarants’ personal experiences working with and in those communities; this information is not a “statement” and, thus, not hearsay. *See* Fed. R. Evid. 801(a). In the discussion that follows, we rely on the declarations only to the extent they are admissible.

and their families (and, more broadly, all noncitizens and their families), and deters these groups from participating in the census out of fear of providing the federal government with information by which their citizenship status may be ascertained (and any resulting adverse consequences). Second, because the Presidential Memorandum announces that it is United States policy “to exclude from the apportionment base aliens who are not in a lawful immigration status,” Presidential Memorandum, 85 Fed. Reg. at 44,680 — the “primary purpose of the census,” *New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 561 — illegal aliens may decide not to participate in the census on the theory that they do not count for any purpose or on the theory that there is little upside to being counted.

Several agency and non-profit organization leaders in charge of census outreach programs attest that many illegal aliens have expressed concern over, or outright refused to participate in, the census as a result of the Presidential Memorandum, both because they are apprehensive that the data will be used in immigration enforcement and because they perceive their participation as ultimately futile in light of the President’s explicit exclusion of illegal aliens for the purposes of apportionment. *See, e.g.*, ECF No. 76-4 (“Baldwin Decl.”), ¶ 8; ECF No. 76-5 (“Banerji Decl.”), ¶ 5; Brower Decl. ¶ 11; Cullinane Decl. ¶ 8. Other immigrant respondents have expressed concern that “the Trump Administration would punish undocumented persons who filled out the Census by tracking and deporting them.” *See, e.g.*, ECF No. 76-30 (“Matos Decl.”), ¶¶ 9-13 (describing Delaware-based census advocacy program’s increased need to quell community fears that, in light of the Presidential Memorandum, responding to the census will result in deportation or bar Latinos from obtaining citizenship).

Notably, Plaintiffs’ evidence indicates that the effects of the Presidential Memorandum are likely to be felt beyond the *illegal* alien population. “Excluding undocumented immigrants

from the apportionment base will deter Census participation among the broader immigrant community, including family and household members of undocumented immigrants who are actually citizens or non-citizens with legal status.” Espinosa Decl. ¶ 11; *see also* Khalaf Decl. ¶ 12 (“[S]ignificant fear and increased distrust about the Census . . . [is] not limited to undocumented immigrants or other non-citizens, but also to family, household members, friends, and community members of non-citizens, people for whom the new policy articulated in the Memorandum has generated fear about responding at all . . .”). Of particular concern is the response in “mixed status households” — that is, households consisting of illegal aliens and residents with lawful status — where concerns about the security of identifying information being shared with the federal government are prevalent. *See, e.g.*, Espinosa Decl. ¶ 12 (describing a fear among individuals from mixed status households that “the Presidential Memorandum’s exclusion of people ‘not in lawful immigration status’ from the census base count indicates that the Administration will use information from the census to attempt to identify undocumented immigrants for deportation or other adverse consequences”). “Even U.S.-born citizen Puerto Rican residents are confused” by the Presidential Memorandum. ECF No. 76-16 (“Colón Decl.”), ¶ 11.

In addition to this extensive — and undisputed — record of fact witness testimony, Plaintiffs provide expert analyses describing the fear and confusion generated by the Presidential Memorandum among hard-to-count communities and the resultant chilling effect on census participation. *See* ECF No. 76-56 (“Barreto Decl.”), ¶ 14 (surveying research on the impact of media messages on immigrant communities’ trust in government and the impact of those communities’ trust on census response rates and concluding that “the July 21 [Presidential Memorandum] will reduce participation in the 2020 census, and ultimately will reduce the

accuracy of the 2020 census”); ECF No. 76-57 (“Thompson Decl.”), ¶ 3 (concluding that the Presidential Memorandum “will significantly increase the risk of larger total and differential undercounts, relative to previous censuses, for the hard-to-count populations, including immigrant communities”).⁸

In short, the record supports a conclusion that the Presidential Memorandum has created, and is likely to create, widespread confusion among illegal aliens and others as to whether they should participate in the census, a confusion which has obvious deleterious effects on their participation rate. *See* ECF No. 76-1 (“Alvarez Decl.”), ¶ 10 (reporting “an increase in confusion amongst immigrant communities after” Memorandum was issued); *see also* Baldwin Decl. ¶ 8; ECF No. 76-9 (“Bird Decl.”), ¶ 9. As John Thompson, the former Director of the Census Bureau, predicts, “the effects of the Memorandum on the current macro environment are *likely to be as great if not greater than the addition of a citizenship question.*” Thompson Decl. ¶ 23 (emphasis added); *see also* Barreto Decl. ¶ 29. And the Census Bureau’s own advertising

⁸ Defendants fault Dr. Barreto for failing to consider a 2019 study conducted by the Census Bureau, ELIZABETH A. POEHLER ET AL., U.S. CENSUS BUREAU, 2019 CENSUS TEST REPORT: A NEW DESIGN FOR THE 21ST CENTURY (Jan. 3, 2020), <https://www2.census.gov/programs-surveys/decennial/2020/program-management/census-tests/2019/2019-census-test-report.pdf> (“2019 Census Test Report”), which found “no statistically significant difference in overall self-response rates” resulting from the inclusion of a citizenship question on the census questionnaire. *Id.* at ix; *see* Defs.’ Mem. 13. But that study, which is not directly relevant to the issues before us, is less useful for Defendants than their arguments suggest, as there are findings that both sides can and do point to in support of their positions. In fact, the same study did find statistically significant drops in response rates “in some areas and for some subgroups,” including “[t]racts with greater than 4.9 percent noncitizens,” “[t]racts with greater than 49.1 percent Hispanic residents,” “[t]racts with between 5.0-20.0 percent Asian residents,” and “[h]ousing units within the Los Angeles Regional Census Center and New York Regional Census Center boundaries.” *Id.* at ix-x. Furthermore, “the results of this [study] [we]re limited to the self-response timeframe prior to the start of” Non-Response Follow-Up operations, *id.* at 12, and there is reason to believe that each of Non-Response Follow-Up’s steps would replicate or exacerbate the effects of the net differential decline in self-response rates among noncitizen households, *see New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 583.

initiatives will struggle to ward off these effects even with “messag[ing] that respondent information is confidential” and that “[t]he Census Bureau will not share it with any outside entities, including law and immigration enforcement.” Thompson Decl. ¶ 21.

These deterrent effects have far-reaching ramifications, including increasing costs for census outreach programs run by NGOs and governments. Indeed, the NGO Plaintiffs have already diverted resources from their other important programs to shore up their census engagement efforts. For example, Plaintiff FIEL “has recently had to refocus its programming and commit additional resources to its Census work,” and “expects that it will need to interact with its constituents multiple times to answer questions and try to convince them to participate in the 2020 Census.” Espinosa Decl. ¶ 14; *see also* ECF No. 76-44, (“Sivongxay Decl.”), ¶ 18 (“[A]dditional one-on-one conversations and relational outreach are necessary to maintain trust among communities and census partners to ensure confidence that census information will remain confidential and that there are still important benefits to responding to the census, such as ensuring receipt of critical federal funding.”). Because the Presidential Memorandum “dilutes the efficacy” of the efforts by Plaintiff New York Immigration Coalition (“NYIC”) to ensure immigrants are counted in the census, NYIC will have “to divert resources from other programmatic areas to conduct additional education and outreach to get the same number of people to respond to the Census questionnaire.” Choi Decl. ¶ 17. Specifically, NYIC has had to “make new materials”; “conduct new outreach”; “engage[] in member updates, press releases, [and] press briefings”; “develop[] messaging and social media campaigns”; and “respond to inquiries from local media . . . to assure people” that every person should respond to the Census. *Id.* In other words, “NYIC expects that it will need to interact with its constituents more times than previously planned to try to convince them to participate in the 2020 census” as a result of

the Presidential Memorandum. *Id.* ¶ 20. It estimates that the organization “will have to increase staff time and spending devoted to its Census education and outreach efforts by approximately 20% percent over previously anticipated levels.” *Id.* ¶ 21.

Plaintiffs American-Arab Anti-Discrimination Committee (“ADC”) and ADC Research Institute (“ADRCI”) have also had to divert resources away from other programmatic areas, including critical programs responding to COVID-19 issues. Khalaf Decl. ¶ 15. In response to the Presidential Memorandum’s messaging, ADC and ADRCI will “increase staff time and spending devoted [to] its Census education and outreach efforts by approximately 25[] percent over current levels,” *id.* ¶ 14, while the national president of both organizations reports that he “personally spent at least 35 hours on Census-related work since the release of the [Presidential] Memorandum” that he would have otherwise spent on other tasks related to the operation and mission of both organizations, *id.* ¶ 15. Plaintiff Ahri similarly will increase staff time and spending devoted to census education and outreach by approximately fifteen percent in response to the chilling effects of the Presidential Memorandum. ECF No. 76-43 (“Seon Decl.”), ¶ 17. According to Theo Oshiro, Deputy Director at the non-profit Make the Road New York (“MRNY”), the Presidential Memorandum also “dilutes the efficacy of [MRNY’s] existing materials and programming, which requires MRNY to divert resources from other programmatic areas to strategize around how to make [its] education and outreach effective and to get the same number of people to respond to the Census questionnaire” as they would have absent the Memorandum. Oshiro Decl. ¶ 12. Finally, Plaintiff CASA also has had to “devote additional resources to addressing the confusion and fear that have resulted” from the Presidential Memorandum, including having “to reorganize its communication team, reassign staff to Census outreach and education, and revise and redistribute messaging materials.” Torres Decl. ¶¶ 22-23.

The Governmental Plaintiffs have also had to divert resources from other programs to mitigate the confusion caused by the Presidential Memorandum. Plaintiff Illinois, for example, has already had to spend funds on digital ads specifically designed to address misinformation about the census, has created printed materials to be distributed, and has produced social media videos and other digital communications to reassure the immigrant community about the importance of the census. Alvarez Decl. ¶ 12. Plaintiff Vermont, through its 2020 Complete Count Committee, has — in direct response to the Presidential Memorandum — provided “mini-grants” to increase outreach to hard-to-count communities, conducted additional open educational meetings, provided additional multilingual public service announcements, and otherwise promoted census participation. ECF No. 76-10 (“Broughton Decl.”), ¶ 7. Plaintiff Monterey County will “have to dedicate significant resources to ensure participation without fear” so that the County receives its proper census-based funding. ECF No. 76-28 (“Lopez Decl.”), ¶ 18; *see also* ECF No. 76-12 (“Bysiewicz Decl.”), ¶ 11 (describing efforts by Plaintiff Connecticut to encourage full census participation after the Presidential Memorandum caused “confusion”).

The Memorandum’s chilling effect on census participation will likely also degrade the census data, harming state and local governments that rely on the data to carry out their public functions. As Dr. Joseph Salvo, Chief Demographer of New York City, explained, “the July 21, 2020 Presidential memorandum is likely to make the Census Bureau resort to less-reliable methods, including statistical imputation, more frequently in immigrant communities than it otherwise would.” Salvo Decl. ¶ 12. Specifically, when individuals fail to participate in the census themselves, the Census Bureau will sometimes rely on “proxy respondents,” like neighbors, landlords, and postal workers. *See* GLENN WOLFGANG ET AL., U.S. CENSUS BUREAU,

ANALYSIS OF PROXY DATA IN THE ACCURACY AND COVERAGE EVALUATION 1 (2003), <https://www.census.gov/pred/www/rpts/O.5.PDF>. Reliance on proxy responses “degrade[s] the quality of the data” and its usability, since proxy respondents often leave some questions unanswered and report information less accurately than household respondents. Brower Decl. ¶¶ 12-13 (discussing, for example, the phenomenon of “age heaping” where data on the age of individuals tends to be reported in numbers ending in 5 or 0 when a proxy is the respondent because the proxy merely estimates the age of the individual). Further, if census data are not available through proxy responses, demographers are forced to resort to data imputation, which itself is reliable only when calculated using a sufficiently high self-response rate. *See* ECF No. 76-21 (“Hardcastle Decl.”), ¶ 5. Lower response rates also increase the margins of error in statistical calculations, degrading the utility of census response data and restricting Plaintiffs’ ability to rely on the data for, *inter alia*, governmental planning purposes. *See* ECF No. 76-25 (“Kaneff Decl.”), ¶¶ 3-5.

Indeed, degraded census data jeopardizes various sovereign interests in allocating funds and administering public works through programs that rely on quality census data. Connecticut, for example, relies on accurate characteristic data, meaning data on subgroups within the population, for a wide variety of purposes, including deciding where to locate COVID-19 testing sites, the evaluation of requests for school construction funds, the promulgation of affirmative action plans for state agencies using data-driven goals and benchmarks, effective forecasting for public transit planning, and others. *See* ECF No. 76-31 (“McCaw Decl.”) ¶¶ 4-7. Similarly, Dr. Salvo explains that “[t]he decennial census is the statistical backbone of our country” and that, like Connecticut, New York City relies on accurate characteristic data about subgroups to make

decisions about public health programs and education investments, as well as emergency preparedness planning and provision of targeted services for the elderly. Salvo Decl. ¶¶ 13-17.

Other examples abound in the record. In Monterey County, California, for example, the Department of Social Services is responsible for administering cash and non-cash programs that, among other things, provide supplemental food assistance, California’s Medicaid program, foster care, adoption and aging assistance, and temporary assistance to needy families. ECF No. 76-32 (“Medina Decl.”), ¶ 2. That department relies on accurate census data in making its funding allocation decisions. *Id.* ¶ 4. Any undercounting of undocumented immigrants caused by the Presidential Memorandum will not only “impact the formulas used for funding allocations” for these basic living assistance programs, but will also result in the loss of federal funding, “which, in turn, will add extra financial burden on local governments, resulting in even fewer available resources to assist families with food, housing, health, and other support and safety net services.” *Id.*; *see also, e.g.*, ECF No. 76-33 (“Mohammed Decl.”), ¶¶ 5-6 (describing how the census directly impacts funding for the City of Pittsburgh and “provides the most reliable and complete data for research, decision making and planning in City government”); ECF No. 76-39 (“Rodriguez Decl.”), ¶ 3 (describing how Illinois’s Workforce Innovation and Opportunity Act Program, which provides services to help certain populations overcome barriers to employment, depends on accurate census data to identify the targeted population levels); ECF No. 76-46 (“Sternesky Decl.”), ¶ 5 (“Census data deeply influences the way that [the New Jersey Housing and Mortgage Finance Agency] designs and plans for the allocation of housing funds across the state. For example, the Agency uses income, poverty, employment, housing density, and housing vacancy data from the Census to direct its annual \$20 million to \$25 million allocation of federal 9% Low-Income Housing Tax Credits (LIHTC). These credits are then used to

leverage roughly a ten-fold influx of private investment into equity for development costs to both high-opportunity and high-need areas of New Jersey.”); ECF No. 76-50 (“Wortman Decl.”), ¶¶ 3, 6 (describing how Illinois determines funding for each county based on an “index of need” and how “[u]nderrepresentation of areas with a higher percentage of immigrants will result in disproportionate levels of funding being allocated to counties with less demographic diversity”).

Plaintiff Washington State will also be negatively impacted if it is forced to use inaccurate census data. Washington allocates \$200 million “of state shared revenues . . . to counties and cities on a per capita basis annually” and uses decennial census data for its demographic estimates and annual population forecasts. Baldwin Decl. ¶¶ 14, 17. “[B]ad data will certainly lead to inaccurate distribution of funding within Washington, impacting all levels of government for a decade.” *Id.* ¶ 15. “Poor quality census data will [also] harm Washington’s ability to carry out the population data functions required by law both in the short term and the long term.” *Id.* ¶ 28. In particular, Washington annually creates a *thirty*-year population forecast, meaning that the 2020 census data will be used in forecasting until at least the 2050 census data is available, if not longer. *See id.* ¶ 25. Because “many estimate and forecast models rely on information about changes in trends over time,” “[a]n inaccurate census this year will change the relationships in the data between censuses and make all future estimates and forecasts based on these trends less accurate.” *Id.*

Finally, the undisputed facts in the record also reflect that judicial relief invalidating the Presidential Memorandum would likely reduce the confusion felt by immigrant communities and therefore alleviate some of the injuries being felt by Plaintiffs. For example, Plaintiff FIEL anticipates that “a court order that stops the exclusion of undocumented immigrants from the census would make [its] efforts to encourage census participation easier by allowing [FIEL] to

clarify the confusion and help ease the fear caused by” the Presidential Memorandum, and that “it would take FIEL less time and fewer resources to convince” the community “to participate in the census.” Espinosa Supp. Decl. ¶ 3. Relief would also help Plaintiff MRNY “conduct more efficient and effective census outreach” because MRNY could clarify to community members that everyone should, in fact, be counted. ECF No. 194-4 (“Oshiro Supp. Decl.”), ¶ 5. And relief from this Court would also allow Plaintiff Ahri to “publicize the Court’s order to encourage [its] community to open their doors to census outreach workers, rather than hiding out of confusion or fear and avoiding the census completely.” ECF No. 194-5 (“Seon Supp. Decl.”), ¶¶ 6-7.

C. Standing Analysis

As noted, Plaintiffs allege two types of harm: apportionment harms stemming directly from the exclusion of illegal aliens from the apportionment base and harms caused by the deterrent effect on census participation. We have considerable doubt that the former suffices to establish jurisdiction. To be sure, if any Plaintiff could show that, as a result of the Presidential Memorandum, it was likely to lose one or more seats in the House of Representatives, it would surely have standing. *See, e.g., House of Representatives*, 525 U.S. at 331 (holding that the loss of a seat or seats in the House of Representatives “undoubtedly satisfies the injury-in-fact requirement of Article III standing”). But as of today, it is not known whether that harm will come to pass, as the Secretary has not yet determined how he will calculate the number of illegal aliens in each State or even whether it is “feasible” to do so at all. Oral Arg. Tr. 35-37. In the absence of that information, Plaintiffs’ first theory of harm is likely “too speculative for Article III purposes.” *Clapper*, 568 U.S. at 409 (internal quotation marks omitted). Nor, for these purposes, would there be any harm in waiting until January 2021, when the impact, if any, of the

Presidential Memorandum would be known, as the Supreme Court has held that an illegal apportionment can be remedied even after the apportionment process has taken place. *See Utah v. Evans*, 536 U.S. 452, 462-63 (2002).

Ultimately, however, we need not, and do not, decide the issue because we conclude that Plaintiffs’ second theory of harm — that the Presidential Memorandum will have and, indeed, is already having, an effect on the census count itself — suffices to establish standing. Critically, this theory of harm does not depend on what, if anything, the Secretary does *in the future* to implement the President’s mandate in the Presidential Memorandum. Instead, it is based on Plaintiffs’ undisputed evidence that the Presidential Memorandum is affecting the census count *in the present*. That is, while the apportionment harms may well be too remote and hypothetical to support standing, the harms to the census count are “certainly impending” and do not depend on “a highly attenuated chain of possibilities.” *Clapper*, 568 U.S. at 410. Notably, Defendants do not argue otherwise. Instead, they contend that Plaintiffs’ second theory of harm is too “speculative” in a different sense: because Plaintiffs’ evidence is inadequate to prove that the Presidential Memorandum has caused (or will cause) anyone to opt out of participating in the census or that judicial relief would redress that harm. *See* Defs.’ Mem. 11-19. In defense counsel’s view, Plaintiffs should be required “to identify some subset of people who would not have been chilled . . . from answering the census between April 1st and July 21st, then became chilled on July 21st after the memorandum was issued, and then will be unchilled in [the time remaining before the census ends] by an order of this Court.” Oral Arg. Tr. 38; *see also* Defs.’ Mem. 52 (citing lack of “rigorous survey[s] or statistical stud[ies] measuring whether [the Presidential Memorandum] . . . has any effect on response rates within immigrant communities”).

Defendants’ vastly overstate Plaintiffs’ burden. The law does not require Plaintiffs to submit a randomized control trial or other rigorous statistical analysis demonstrating beyond peradventure that there are people who would have participated in the census but for the Presidential Memorandum and who would participate again if we were to grant Plaintiffs the relief they seek. Nor do Plaintiffs need to submit declarations specifically identifying such people, let alone submit declarations from such people. Instead, Plaintiffs need only demonstrate that “there is no genuine dispute as to any” fact material to the standing analysis. Fed. R. Civ. P. 56(a). Notably, in determining whether this standard has been met, we may rely not only on the declarations submitted by Plaintiffs in support of their motion, but also on common sense, basic economics, and reasonable inferences. *See, e.g., Friends of the Earth*, 528 U.S. at 183-85 (determining that “sworn statements . . . adequately documented injury in fact” where the proposition they were offered for was “entirely reasonable”); *Citizens for Responsibility & Ethics in Wash. v. Trump (CREW)*, 953 F.3d 178, 198 (2d Cir. 2019) (noting that a court may rely on “common sense and basic economics” in evaluating standing (internal quotation marks omitted)); *Nat. Res. Def. Council v. Nat’l Highway Traffic Safety Admin.*, 894 F.3d 95, 104-05 (2d Cir. 2018) (relying on the defendant agency’s “own pronouncements,” as well as “[c]ommon sense and basic economics,” to find standing (internal quotation marks omitted)); *Carpenters Indus. Council v. Zinke*, 854 F.3d 1, 6 (D.C. Cir. 2017) (Kavanaugh, J.) (“When performing that inherently imprecise task of predicting or speculating about causal effects [in standing analysis], common sense can be a useful tool.”); *Texas v. United States*, 809 F.3d 134, 156 (5th Cir. 2015) (finding that Texas had established the necessary causal connection between the Deferred Action for Parents of Americans and Lawful Permanent Residents (“DAPA”) program and a future injury because DAPA would have “enable[d]” third parties “to apply for driver’s licenses” and

there was “little doubt that many would do so”), *aff’d by an equally divided Court*, 136 S. Ct. 2271 (2016) (per curiam).

Requiring Plaintiffs to do more would be particularly inappropriate here for two reasons. First, “the integrity of the census is a matter of national importance. As noted, the population count has massive and lasting consequences. And it occurs only once a decade, with no possibility of a do-over if it turns out to be flawed.” *New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 517; *see* Departments of Commerce, Justice, and State, the Judiciary, and Related Agencies Appropriations Act, 1998 (“1998 Appropriations Act”), § 209(a)(8), Pub. L. No. 105-119, 111 Stat. 2440, 2480-81 (1997) (“Congress finds that . . . the decennial enumeration of the population is a complex and vast undertaking, and if such enumeration is conducted in a manner that does not comply with the requirements of the Constitution or laws of the United States, it would be impracticable for the States to obtain, and the courts of the United States to provide, meaningful relief after such enumeration has been conducted.”). Second, Defendants’ *own conduct* has forced Plaintiffs’ hands. That is, for reasons that are unclear, the President waited until July 21, 2020, when the census was in full swing, to issue his Presidential Memorandum. Compounding matters, Defendants announced less than two weeks later that they were ending the census earlier than previously planned. The combination of the two meant that Plaintiffs had to rush to court and seek immediate relief; had they waited to develop more rigorous proof of their standing, their arguments about harms to the census count itself would have become moot. Between the sheer enormity of what is at stake and the fact that Defendants’ own conduct gave Plaintiffs only a narrow window in which to seek effective relief, it would be the height of unfairness to hold Plaintiffs to the heightened burden of proof that Defendants endorse.

In light of the undisputed facts in the record, common sense, and basic economics, we are

satisfied that — with their second theory of harm — Plaintiffs adequately show injury in fact, traceability, and redressability and that we have before us an actual case or controversy “of the sort traditionally amenable to, and resolved by, the judicial process.” *Steel Co.*, 523 U.S. at 102. Moreover, Defendants “have failed to set forth any specific facts showing that there is a genuine issue of standing for trial.” *House of Representatives*, 525 U.S. at 330.

1. Injury in Fact

To begin, Plaintiffs have proved that, in the wake of the Presidential Memorandum, some number of people will not participate in, and thus not be counted in, the census. As of August 3, 2020 — the day the Census Bureau announced that field operations would end a month earlier than previously planned, and approximately two weeks after the Presidential Memorandum was issued — the Census Bureau had counted only about sixty-three percent of households in the 2020 census. *See Statement from U.S. Census Bureau Director Steven Dillingham: Delivering a Complete and Accurate 2020 Census Count*, U.S. CENSUS BUREAU (Aug. 3, 2020), <https://www.census.gov/newsroom/press-releases/2020/delivering-complete-accurate-count.html>. Many of those not counted are undoubtedly in the “hard to count” population, which includes immigrant and Hispanic populations as well as illegal aliens. *See New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 577. The record in the citizenship question litigation and the declarations here make clear that this population is even “harder” to count during this census due to widespread concerns, fueled by the policies and rhetoric of this Administration, that census data will be used for immigration enforcement purposes. *See id.* at 562, 579-83; Colón Decl. ¶ 11; Oshiro Decl. ¶¶ 12, 14; Seon Decl. ¶ 16; Barreto Decl. ¶¶ 60-62. Plaintiffs’ uncontested declarations and common sense indicate that the Presidential Memorandum has compounded, and will compound, these concerns, and that some number of people in these communities will choose not to

participate in the census and take steps to avoid being counted. *See, e.g.*, Cullinane Decl. ¶ 8; Espinosa Supp. Decl. ¶ 5. To be sure, on the present record, the Court cannot calculate with precision the number of people that will be so affected. But there is no doubt that that number is greater than zero, and there is a substantial likelihood that an appreciable number of people will be dissuaded from participating in the census. *See* Barreto Decl. ¶¶ 60-65.

From these ongoing and direct effects on the census flow several forms of injury to Plaintiffs and their members or citizens. First, insofar as Plaintiffs include or represent high concentrations of immigrant and Hispanic populations, the effects on the census undoubtedly create a risk of a net differential undercount that could result in the loss of political power and federal funds, two classic forms of Article III injury. *See New York v. Dep't of Commerce*, 351 F. Supp. 3d at 607-08; *Carey v. Klutznick*, 637 F.2d 834, 838 (2d Cir. 1980) (per curiam); Barreto Decl. ¶¶ 70-71; Thompson Decl. ¶¶ 13-17. Given the time sensitivities inherent in their claims of census-related injuries — there were little more than two months remaining for census operations when the President issued the Presidential Memorandum and, less than two weeks later, Defendants shortened that period by a full month — Plaintiffs have obviously not had an opportunity to perform any sort of empirical study on the size of the likely effects on the census that would reveal the likelihood of such injuries. In any event, the likelihood of two other forms of injury are more certain on the current record: degradation of the quality of, and ability to have confidence in, census data and diversion by the NGO Plaintiffs of organizational resources.

a. Degradation of Census Data

First, if a portion of the population does not participate in the census count, it will inevitably degrade the quality and accuracy of census data, even if only at the subgroup or local level. Salvo Decl. ¶¶ 8-12. That is particularly true if, as is the case here, the people who are not

counted are not evenly distributed across the population, but are concentrated, either geographically or demographically. *See* Barreto Decl. ¶ 83; Thompson Decl. ¶¶ 15-17, 23. The degradation of census data, in turn, harms the Governmental Plaintiffs’ ability to allocate resources, such as educational and public health resources, efficiently and effectively. *See* McCaw Decl. ¶¶ 3-6; Medina Decl. ¶¶ 2-4; Baldwin Decl. ¶¶ 15-28. Separate and apart from that, it harms confidence in the census data. *See* Kaneff Decl. ¶ 5 (“The lower the response rate, the larger the margin of error in the demographic characteristics.”). Crucially, these harms will occur *whether or not there is a net differential undercount* — meaning that this theory of injury does not depend on connecting the deterrent effect of the Presidential Memorandum on immigrant households and the like to a net differential undercount of people who live in such households. *See New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 610-11; Salvo Decl. ¶¶ 14-18.

As explained in *New York v. Department of Commerce*, the degradation of census data is a legally cognizable form of injury sufficient to support standing. *See* 351 F. Supp. 3d at 610-15. In particular, a State or local government that relies on the information provided by the federal government under an existing statutory arrangement suffers a sufficiently “concrete” and “particularized” injury for purposes of Article III when the federal government degrades the quality of that information. States are sovereign entities with sovereign interests in the making and enforcement of their own laws. *See Alfred L. Snapp & Son, Inc. v. Puerto Rico ex rel. Barez*, 458 U.S. 592, 601 (1982); *cf. Maryland v. King*, 567 U.S. 1301 (2012) (Roberts, C.J., in chambers) (concluding that Maryland suffered an injury to its “law enforcement and public safety interests” from a lower-court order preventing the State from utilizing DNA samples for law enforcement purposes pursuant to a state statute). But they frequently do so in collaboration

with, or in reliance on, the federal government — such is the genius of the federal system, which has historically embraced various creative models of “cooperative federalism.” *See, e.g., New York v. United States*, 505 U.S. 144, 167-69 (1992); *Hodel v. Va. Surface Mining & Reclamation Ass’n, Inc.*, 452 U.S. 264, 286-89 (1981). States have long relied on federal decennial census data for countless sovereign purposes, and indeed many of the State Plaintiffs here even *require* the use of such data by law; in some instances, it is written into their state constitutions. *See, e.g.,* Rapoza Decl. ¶ 5 (explaining that the Rhode Island Constitution mandates using census data to establish the House and Senate districts); Brower Decl. ¶¶ 17, 22-23 (explaining that Minnesota law requires the use of census data to determine funding for roads and education).

Meanwhile, by virtue of the Constitution and the Census Act, it is, of course, the federal government’s job to collect and distribute accurate federal decennial census data. *See* U.S. Const. art. I, § 2, cl. 3; *see also Evans*, 536 U.S. at 478 (explaining that the Framers had a “strong constitutional interest in [the] accuracy” of the census); *Wisconsin v. City of New York*, 517 U.S. 1, 20 (1996) (holding that the conduct of the census must bear a “reasonable relationship to the accomplishment of an actual enumeration of the population, keeping in mind the constitutional purpose of the census,” namely, obtaining an accurate count of the population in each State); 1998 Appropriations Act, Pub. L. No. 105-119, § 209(a)(6), 111 Stat. at 2481 (“Congress finds that . . . it is essential that the decennial enumeration of the population be as accurate as possible, consistent with the Constitution and laws of the United States . . .”). When the federal government degrades the quality of that data, it therefore inflicts a cognizable injury on the sovereign interests of reliant States.⁹

⁹ That does not mean that, in every case, a State will have a “right” to such data — or a right to data of a certain quality — sufficient to support a valid cause of action to obtain it. But it

An example may be helpful in illustrating the point. Suppose a State were to premise certain of its policies on a person's lawful presence in the United States — for example, suppose that it chose to deny certain benefits to undocumented immigrants or required its law-enforcement officials to inquire into the immigration status of any person detained in state custody for any reason. “The accepted way” for States “to perform [such] status checks” — and surely the most reliable — is to contact the DHS's Immigration and Customs Enforcement (“ICE”), the federal agency that accepts and responds to such inquiries from interested States. *Arizona v. United States*, 567 U.S. 387, 411 (2012). Now suppose that ICE were to degrade the quality of its data set, thereby undermining its usefulness to the State as a tool for implementing its policy priorities. If this hypothetical State were to challenge the decisions causing the degradation in immigration-status data, the federal agency could certainly defend its actions on the grounds that they were lawful. But could it seriously deny that the State had suffered a cognizable injury for purposes of standing? Surely not.

Indeed, ample case law supports the proposition that a State has a strong sovereign interest in conducting its own policy, the burdening of which causes an injury in fact for Article III purposes. One such sovereign interest is a State's “exercise of sovereign power over individuals and entities within [its] jurisdiction — this involves the power to create and enforce a legal code, both civil and criminal.” *Alfred L. Snapp & Son*, 458 U.S. at 601. Another such sovereign interest — which, in light of the frequent prohibition on *parens patriae* suits against the federal government, see *Massachusetts v. Mellon*, 262 U.S. 447, 485-86 (1923), is “distinct from . . . the general well-being of its residents” — is a State's “interest in securing observance

does mean that a State suffers a concrete and particularized injury when the federal government degrades important tools of sovereignty — or takes those tools away altogether.

of the terms under which it participates in the federal system,” *Alfred L. Snapp & Son*, 458 U.S. at 607-08; *cf. Maine v. Taylor*, 477 U.S. 131, 137 (1986) (“[A] State clearly has a legitimate interest in the continued enforceability of its own statutes.”); *Diamond v. Charles*, 476 U.S. 54, 65 (1986) (“Because the State alone is entitled to create a legal code, only the State has the kind of ‘direct stake’ . . . in defending the standards embodied in that code.”).

The Fifth Circuit’s decision in *Texas v. United States*, 809 F.3d 134, is instructive on this front. In that case, Texas led a coalition of States in a challenge to the Obama Administration’s DAPA program. The Court held that the States had suffered a cognizable injury for purposes of standing because DAPA would have entitled its recipients to obtain driver’s licenses under existing state law and providing those licenses would have come at a financial cost to Texas. *See id.* at 155-56. In denying a stay of the district court’s preliminary injunction pending appeal, the Fifth Circuit cited *Alfred L. Snapp & Son*, explained that Texas possessed a sovereign interest in the maintenance of its own legal code, and held that “Texas’s forced choice between incurring costs and changing its laws is an injury because those laws exist for the administration of a state program, not to challenge federal law, and Texas did not enact them merely to create standing.” *Texas v. United States*, 787 F.3d 733, 749 (5th Cir. 2015). The court reasoned that “if pressure to change state law in some substantial way were not injury, States would have no standing to challenge *bona fide* harms because they could offset most financial losses by raising taxes or fees.” *Id.* Several months later, the Fifth Circuit affirmed the preliminary injunction on the merits, reiterating and confirming its conclusions as to standing. The court held that “states may have standing based on . . . federal interference with the enforcement of state law, at least where the state statute at issue regulates behavior or provides for the administration of a state program and does not simply purport to immunize state citizens from federal law.” *Texas*, 809 F.3d at

153 (alterations, footnotes, and internal quotation marks omitted). Such “intrusions,” the court explained, “are analogous to pressure to change state law.” *Id.*

Like the state plaintiffs in *Texas*, many Governmental Plaintiffs here have enacted their reliance on federal census data into law — in some cases, as noted, even into their constitutions. Moreover, as in *Texas*, “there is no allegation,” let alone proof, that those jurisdictions enacted their laws or ratified their constitutions “to manufacture standing” in these cases. *Id.* at 159. If the census data is degraded (or even perceived to be degraded), these Plaintiffs will be subjected to a forced choice: They can use the degraded data, resulting in worse policy; they can spend money to compensate for the damage; or they can change their laws to relieve themselves of the legal obligation to use federal census data in making and enforcing their laws (which would presumably necessitate the expenditure of additional resources to collect data of their own anyway). Such “pressure[] to change state law constitutes an injury” within the meaning of Article III. *Texas*, 787 F.3d at 749; *see Texas*, 809 F.3d at 153. Accordingly, most, if not all, of the Governmental Plaintiffs have proved an imminent injury to their sovereign interests due to the degradation in quality of census data.

b. Diversion of Resources

Additionally, the risk that some hard to count population will not participate in census results in another form of injury: the diversion of resources. In *Havens Realty Corp. v. Coleman*, 455 U.S. 363, 379 (1982), the Supreme Court held that an organization can establish Article III injury in fact by proving “concrete and demonstrable injury to [its] activities — with the consequent drain on [its] resources.” *See also id.* at 379 n.21 (holding that an organization that proves it “has indeed suffered impairment” in its activities has proved an Article III injury); *Nnebe v. Daus*, 644 F.3d 147, 157 (2d Cir. 2011); *Ragin v. Harry Macklowe Real Estate Co.*, 6

F.3d 898, 904-06 (2d Cir. 1993). In particular, “a nonprofit organization establishes an injury-in-fact if . . . it establishes that it spent money to combat activity that harms its organization’s core activities.” *Centro de la Comunidad Hispana de Locust Valley v. Town of Oyster Bay*, 868 F.3d 104, 111 (2d Cir. 2017) (internal quotation marks omitted). “An organization need only show a ‘perceptible impairment’ of its activities in order to establish injury in fact.” *New York v. U.S. Dep’t of Homeland Sec.*, 969 F.3d at 61 (quoting *Ragin*, 6 F.3d 898 at 905).

As they did in *New York v. U.S. Department of Commerce*, Defendants appear to suggest that *Havens Realty* recognizes Article III injuries arising from organizational expenditures only where those expenditures are made in response to injuries that are themselves sufficiently imminent and impending to satisfy Article III. *See* Defs.’ Reply 3; Oral Arg. Tr. 42-43; *see also* *New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 616. Organizations asserting standing based on the diversion-of-resources theory do indeed need to “show that both the anticipated expenditures and ensuing harm to their organizations’ activities are ‘certainly impending,’” *Knife Rights, Inc. v. Vance*, 802 F.3d 377, 389 (2d Cir. 2015) (quoting *Clapper*, 568 U.S. at 409), lest these plaintiffs be permitted to “manufacture standing merely by inflicting harm on themselves based on their fears of hypothetical future harm,” *Clapper*, 568 U.S. at 416. But that standard does not mean that a plaintiff must allege a second form of independently adequate injury in fact, which “would render the category of plaintiffs that could establish standing under a *Havens Realty* theory a null set” and make *Havens Realty* a dead letter. *New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 616. Instead, however “inexact” the standard may be, “courts are inclined to find standing if it can be said that there is no better time to resolve the issues raised by the parties — that is, when they will be in no better position later than now.” *Young Advocates for Fair Educ. v. Cuomo*, 359 F. Supp. 3d 215, 237 (E.D.N.Y. 2019) (internal quotation marks omitted).

Plaintiffs satisfy these standards. First, Defendants do not dispute, and the Court has little trouble concluding, that the impairment alleged by NGO Plaintiffs goes to their core activities. *See, e.g., Common Cause Ind. v. Lawson*, 937 F.3d 944, 955 (7th Cir. 2019) (“The Organizations in this case have shown that Act 442’s effect on their work goes far beyond ‘business as usual.’ They have done so through concrete evidence showing that Act 442 is already disrupting their operations”); *OCA-Greater Hous. v. Texas*, 867 F.3d 604, 610 (5th Cir. 2017) (“The undisputed summary-judgment evidence established that [the plaintiff’s] primary mission is voter outreach and civic education, particularly ‘getting out the vote’ among its members.”). Each of the NGO Plaintiffs is primarily dedicated to serving and advocating for communities that have traditionally been undercounted by the census, and each is dedicated to promoting census participation in these communities. *See* Choi Decl. ¶¶ 3-6; Oshiro Decl. ¶¶ 2-5; Espinosa Decl. ¶¶ 2, 5-7; Khalaf Decl. ¶¶ 4-8; Seon Decl. ¶¶ 2-6; Torres Decl. ¶¶ 1, 5-11. In fact, several NGO Plaintiffs partner with the Census Bureau and/or state and local governments to promote census participation within these communities. *See, e.g.,* Torres Decl. ¶ 11; Espinosa Supp. Decl. ¶ 6.

Second, Plaintiffs’ uncontested declarations demonstrate that the NGO Plaintiffs have diverted resources in response to the Presidential Memorandum’s chilling effects on participation in the census and the risks that poses for their members and their core activities. *See* Choi Decl. ¶¶ 14-27; Espinosa Decl. ¶¶ 14-17; Khalaf Decl. ¶¶ 8-16; Oshiro Decl. ¶¶ 15-17; Seon Decl. ¶¶ 17-19; Torres Decl. ¶¶ 2, 21-23; ECF No. 149-1 (“Awadeh Decl.”), ¶¶ 4-5; Espinosa Supp. Decl. ¶¶ 7-8; Oshiro Supp. Decl. ¶¶ 2, 4; Seon Supp. Decl. ¶ 4.¹⁰ For example, Steven Choi, the

¹⁰ Plaintiffs provide evidence of similar resource diversions by similarly situated organizations, albeit not Plaintiffs here. *See* Banerji Decl. ¶¶ 5-6; Matos Decl. ¶¶ 9-14; Sivongxay Decl. ¶¶ 16-20, 23-24; ECF No. 76-51 (“Aranda-Yanoc Decl.”), ¶ 8.

executive director of Plaintiff New York Immigration Coalition (“NYIC”), states that his organization had to develop new messaging and social media campaigns, and issue new member updates and press releases, to counter the Presidential Memorandum’s contradiction of themes that had previously been core to NYIC’s census outreach efforts. Choi Decl. ¶ 17. NYIC expects to increase staff time and spending by twenty percent over previously anticipated levels to achieve its census outreach and advocacy goals. *See id.* ¶ 21. Similarly, Plaintiff Ahri had to develop entirely new outreach materials, train staffers with new scripts, and respond to media inquiries; it expects to increase staff time and spending devoted to these efforts by fifteen percent as a result of the Presidential Memorandum. *See* Seon Decl. ¶¶ 17-19. Meanwhile, Plaintiffs ADC and ADRCI anticipate increasing staff time and spending devoted to Census efforts by approximately twenty-five percent as a result of the Memorandum, *see* Khalaf Decl. ¶ 14, and Plaintiff FIEL “anticipates having to divert approximately \$5,000 from other mission critical programs and services to the 2020 Census education and outreach as a result of the Presidential Memorandum,” Espinosa Decl. ¶ 15.

These resource diversions may not be large in absolute terms, but they constitute a “perceptible impairment” of the NGO Plaintiffs’ activities and thus qualify as injuries in fact. *New York v. U.S. Dep’t of Homeland Sec.*, 969 F.3d at 61 (internal quotation marks omitted); *see OCA-Greater Hous.*, 867 F.3d at 612 (“[T]he injury alleged as an Article III injury-in-fact need not be substantial; it need not measure more than an identifiable trifle.” (internal quotation marks omitted)). In short, the NGO Plaintiffs “are dedicated to providing an array of legal and social services to non-citizens and they have expended significant resources to mitigate the [Presidential Memorandum’s] impact on those they serve. In so doing, they have diverted resources that would otherwise have been available for other programming, a perceptible

opportunity cost that suffices to confer standing.” *New York v. U.S. Dep’t of Homeland Sec.*, 969 F.3d at 61 (internal quotation marks omitted); *see also Common Cause Ind.*, 937 F.3d at 952 (“According to the evidence put forward by the Organizations, Act 442 has created a culture of voter confusion, and it has already inflicted costs on them.”); *OCA-Greater Hous.*, 867 F.3d at 612 (“[The plaintiff] went out of its way to counteract the effect of Texas’s allegedly unlawful voter-interpreter restriction . . . with a view toward . . . mitigating its real-world impact on [the plaintiff’s] members and the public . . . an undertaking that consumed its time and resources in a way they would not have been spent absent the Texas law. Hence, the Texas statutes at issue ‘perceptibly impaired’ OCA’s ability to ‘get out the vote’ among its members.”).

2. Traceability

Next, we have little trouble finding that these injuries in fact are fairly traceable to the Presidential Memorandum. Once again, the uncontested record and common sense satisfy Plaintiffs’ burden. Plaintiffs demonstrate that the Presidential Memorandum’s chilling effect on immigrant census participation is at least partially responsible for a degradation in the quality of census data. *See, e.g.*, ECF No. 76-24 (“Jimenez Decl.”), ¶¶ 3-5 (explaining that the Memorandum’s deterrence effect on immigrant household census participation will cause an undercount and a subsequent reduction in federal healthcare, infrastructure, and education funding for Plaintiff Monterey County); Salvo Decl. ¶ 12 (noting that the Presidential Memorandum “is likely to make the Census Bureau resort to less-reliable methods, including statistical imputation, more frequently in immigrant communities than it otherwise would” which will “result[] in poorer quality (less accurate) data both in terms of demographic characteristics as well as the actual count of persons”). NGO Plaintiffs have also made clear that the Presidential Memorandum is responsible for their diversion of resources; in other words, they are

expending resources they would not otherwise precisely because of the Presidential Memorandum. *See, e.g.*, Choi Decl. ¶¶ 20-21; Khalaf Decl. ¶¶ 14-15; Seon Decl. ¶ 17; Oshiro Supp. Decl. ¶¶ 3-4; Torres Decl. ¶¶ 22-23; Espinosa Supp. Decl. ¶ 4. This undisputed evidence satisfies Plaintiffs' burden to demonstrate the "*de facto* causality" that Article III demands. *Dep't of Commerce v. New York*, 139 S. Ct. at 2566 (internal quotation marks omitted).

In arguing otherwise, Defendants point out that Plaintiffs' theory of causation relies in part on the intervening actions of third-party actors, such as Spanish-language media disseminating information about the Presidential Memorandum. *See* Defs.' Mem. 16. "It makes little sense," they argue, "for Plaintiffs to attribute whatever harm is caused by those independent actors to the Memorandum itself, particularly if their messages convey the incorrect impression that the Memorandum increases the risk of individuals' information being linked to immigration records and those individuals facing immigration enforcement." *Id.* (internal quotation marks and alterations omitted). More broadly, they assert that Plaintiffs' injuries are traceable to the "macro environment" of fear in the immigrant and Hispanic communities that predated the Presidential Memorandum, not to the Memorandum itself. *Id.* at 15-19.

These arguments are unpersuasive. For one thing, they ignore entirely Plaintiffs' evidence that the Presidential Memorandum has deterred, and will continue to deter, people from participating in the census because they conclude "that they don't see a benefit in filling out the census form if they will not be counted." Pls.' Mem. 43 (internal quotation marks and alterations omitted); *see, e.g.*, Choi Decl. ¶ 17; Cullinane Decl. ¶ 9; Matos Decl. ¶¶ 11, 13; Oshiro Decl. ¶¶ 10-12; ECF No. 76-38 ("Roche Decl."), ¶ 9; Torres Decl. ¶ 19; Espinosa Supp. Decl. ¶¶ 5-6. For such people, the chain of causation between the Presidential Memorandum and non-participation has only a single link. Thus, Plaintiffs need not and do not rely on the

dissemination of information by third parties to establish that certain illegal aliens will plausibly — even rationally — decide not to participate based *directly* on a correct understanding of the Presidential Memorandum’s import.

Second, as noted above, the Supreme Court has long made clear that the defendant’s conduct need not be “the very last step in the chain of causation.” *Bennett*, 520 U.S. at 169. Indeed, the traceability requirement may be met even where several steps on the causal chain stand between the defendant’s conduct and the plaintiff’s injury. *Davis v. Federal Election Commission*, 554 U.S. 724, for example, involved a challenge to a campaign finance law that increased campaign contribution limits for any candidate whose opponent’s personal campaign expenditures exceeded his own by a certain amount. At the time of filing, the plaintiff was at least three steps away from suffering any concrete harm: He had to spend a sufficient amount of his own money; his opponent had to refrain from a comparable level of self-funding; and his opponent had to then take advantage of the law by accepting heightened contributions. Even so, the Court found that the plaintiff faced a “real, immediate, and direct [injury] . . . when he filed suit.” *Id.* at 734. Notably, the Court deemed that assumption valid based on little more than evidence that “*most* candidates who had the opportunity to receive expanded contributions had done so.” *Id.* at 735 (emphasis added). Moreover, the Court did not require proof that the government conduct had a coercive effect on the third party’s action; evidence that allowed the Court to predict how the third party would likely act in response to the government action was sufficient. *See id.*; *see also Lujan*, 504 U.S. at 562 (noting that, when injury depends on the conduct of third parties, it is sufficient to show “choices have been or *will be* made in such manner as to produce causation and permit redressability” (emphasis added)); *Nat. Res. Def. Council*, 894 F.3d at 104-05 (finding “the agency’s own pronouncements,” as well as “[c]ommon

sense and basic economics,” supported a conclusion that an “increased penalty has the potential to affect [third parties’] business decisions and compliance approaches” in a manner that would result in harm to the petitioners (internal quotation marks omitted)).

In light of these principles and cases, Defendants’ arguments are unpersuasive. At the end of the day, they are little more than a rehash of Defendants’ arguments in the citizenship question litigation, which were rejected. There, like here, Defendants argued that Plaintiffs’ injuries were not “fairly traceable” to their conduct because the injuries depended on the intervening acts of third parties influenced by misinformation — namely, that the federal government could use their census answers for law enforcement and immigration enforcement purposes. *New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 623-24. There, like here, Defendants argued that Plaintiffs’ injuries were not “fairly traceable” to their conduct because the injuries were attributable to an independently existing macro environment of fear permeating the immigrant and Hispanic communities. *Id.* at 621-22. Yet the Supreme Court rejected those arguments. As that Court reaffirmed, “Article III requires no more than *de facto* causality,” a standard that is met where Government action has a “predictable effect . . . on the decisions of third parties.” *Dep’t of Commerce v. New York*, 139 S. Ct. at 2566 (internal quotation marks omitted). Here, as in the citizenship question litigation, Plaintiffs have proved that their injuries arise from the predictable effects of Government action, however rational or reasonable those effects may be.

3. Redressability

Finally, we conclude that Plaintiffs satisfy the redressability requirement as well. To be sure, Plaintiffs have not proved — and perhaps could not prove — that a favorable ruling would lead everyone who has decided, or will decide, not to participate in the census as a result of the

Presidential Memorandum to change course. But Plaintiffs’ burden is not to show that a favorable court ruling would fully remedy the injuries that they have suffered or will suffer. Instead, they need show only that the “risk [of harm] would be reduced *to some extent* if [they] receive[] the relief they seek.” *Massachusetts v. E.P.A.*, 549 U.S. at 526 (emphasis added); *see also CREW*, 953 F.3d at 194 (finding the redressability requirement satisfied because “it logically follows that relief would redress [the plaintiffs’] injury — at least to some extent”); *Parsons v. U.S. Dep’t of Justice*, 801 F.3d 701, 716 (6th Cir. 2015) (“[I]t need not be likely that the harm will be *entirely* redressed, as partial redress can also satisfy the standing requirement.”).

The Supreme Court’s decision in *Massachusetts v. E.P.A.* is instructive. There, Massachusetts and other States challenged the EPA’s decision not to regulate four greenhouse gases within the United States. On appeal, the Supreme Court held that the States had standing to challenge the EPA’s decision based on their showing, through “unchallenged affidavits,” that climate change was caused by greenhouse gases and caused various harms. 549 U.S. at 522. The Court did so despite the EPA’s contention that there was no “realistic possibility” that the relief sought “would mitigate global climate change and remedy their injuries,” particularly “because predicted increases in greenhouse gas emissions from developing nations” were “likely to offset any marginal domestic decrease.” *Id.* at 523-24. The Court explained:

While it may be true that regulating motor-vehicle emissions will not by itself *reverse* global warming, it by no means follows that we lack jurisdiction to decide whether EPA has a duty to take steps to *slow* or *reduce* it. Because of the enormity of the potential consequences associated with manmade climate change, the fact that the effectiveness of a remedy might be delayed . . . is essentially irrelevant. Nor is it dispositive that developing countries . . . are poised to increase greenhouse gas emissions substantially over the next century: A reduction in domestic emissions would slow the pace of global emissions increases, no matter what happens elsewhere.

Id. at 525-26 (citation and footnote omitted). Notably, the Court did not demand empirical proof that the remedy sought would have any marginal effect on global warming. The causal

connection between greenhouse gases and climate change, combined with the EPA’s “ardent support for various voluntary emission-reduction programs” (with which the “EPA would presumably not bother . . . if it thought emissions reductions would have no discernable impact on future global warming”), was enough. *Id.* at 526 (internal quotation marks omitted). Because the relief sought would reduce the risk of injury “to some extent,” the States had standing. *Id.*

Here too, Plaintiffs’ uncontested affidavits show that the relief they seek — a declaration that the Presidential Memorandum is unlawful and an injunction barring any effort to implement it — would reduce “to some extent” their risk of suffering injuries relating to the census. If anything, the record here provides even more support for a finding of redressability than the record in *Massachusetts v. E.P.A.* did. First, as discussed above, Plaintiffs have provided proof that there are likely people who have decided, or will decide, not to participate in the census for the simple reason that, under the Presidential Memorandum, they will not count for apportionment purposes. A court order invalidating the Presidential Memorandum would redress that harm in a straightforward manner. *See, e.g., Carpenters Indus. Council*, 854 F.3d at 6 n.1 (Kavanaugh, J.) (“[I]f a government action causes an injury, enjoining the action usually will redress that injury.”). Second, Plaintiffs’ uncontested declarations provide evidence supporting a finding of redressability. Plaintiff Ahri, for example, explains that the injunction barring the citizenship question was useful in quelling concerns in the community it serves and that an order granting relief in this case would similarly make its census outreach efforts more efficient and effective. Seon Supp. Decl. ¶¶ 4-7; *see also* Oshiro Supp. Decl. ¶ 5; Espinosa Supp. Decl. ¶ 8. And Plaintiffs submit an expert report noting that injunctions barring implementation of other immigration-related executive actions have had “measurable consequences on promoting trust among immigrant communities and influencing behavioral interactions with various aspects of

government.” *See* Barreto Decl. ¶¶ 66-69. In short, we find that Plaintiffs’ requested relief would “likely . . . at least diminish further instance of” Plaintiffs’ census-related harms. *CREW*, 953 F.3d at 194. Indeed, “[b]ecause Plaintiffs have successfully alleged” that these harms are “ongoing, it logically follows that relief would redress their injury — at least to some extent, which is all that Article III requires.” *Id.*

Only two of Defendants’ counterarguments warrant further discussion. First, Defendants maintain that Plaintiffs’ census-related injuries would not be remedied by a ruling in Plaintiffs’ favor because the alleged “‘macro environment’ of mistrust around immigration” would remain. Defs.’ Mem. 19. But that is akin to the argument the EPA made, and the Supreme Court rejected, in *Massachusetts v. E.P.A.*: that granting relief would not remedy the States’ injuries because there were other, independent causes for those injuries — namely, the emissions of developing nations — that would persist. *See* 549 U.S. at 524. Put differently, the mere fact that the Presidential Memorandum causes only incremental harms, and that there are other causes of those same harms, does not defeat a finding of redressability. *See id.* (“EPA overstates its case. Its argument rests on the erroneous assumption that a small incremental step, because it is incremental, can never be attacked in a federal judicial forum.”).

Second, Defendants suggest that Plaintiffs cannot show redressability because “appellate review would likely last well past the end of the conduct of the census.” Defs.’ Reply 4. Conspicuously, however, Defendants cite no authority for the novel proposition that the availability of higher court review and the possibility of reversal can render a dispute nonjusticiable. Taken to its logical conclusion, that argument would suggest that a plaintiff could never obtain emergency relief in the face of a looming deadline. Far from rejecting such claims, courts routinely hear them on an expedited basis (as we have done here). *See, e.g.,*

League of Women Voters of N. Carolina v. North Carolina, 769 F.3d 224, 247 (4th Cir. 2014) (noting that in the election context, “once the election occurs, there can be no do-over and no redress” making “injur[ies] to . . . voters real and completely irreparable if nothing is done”). Finally, it bears mentioning that it is *Defendants’ own conduct* that has put Plaintiffs in such a precarious position. The President could have issued his Presidential Memorandum well before the census began, in which case Plaintiffs would have had ample time to obtain a definitive ruling on their claims to preempt any chilling effect. Or he could have waited until census operations were over, in which case there would have been no risk of the census-related harms that Plaintiffs seek to remedy. Instead, for unknown reasons, the President waited more than a year after the Supreme Court rejected the citizenship question to issue his Presidential Memorandum, at which point the census was (and still is) in full swing. It would be perverse to conclude that, through their own conduct, Defendants could prevent Plaintiffs from even obtaining a hearing on their claims.

4. Conclusion

In the final analysis, “the gist of the question of standing” (and constitutional ripeness) “is whether [the plaintiffs] have ‘such a personal stake in the outcome of the controversy as to assure that concrete adverseness which sharpens the presentation of issues upon which the court so largely depends for illumination.’” *Massachusetts v. E.P.A.*, 549 U.S. at 517 (quoting *Baker v. Carr*, 369 U.S. 186, 204 (1962)). That is, the standing requirement “preserves the vitality of the adversarial process by assuring both that the parties before the court have an actual, as opposed to professed, stake in the outcome, and that the legal questions presented . . . will be resolved, not in the rarified atmosphere of a debating society, but in a concrete factual context conducive to a realistic appreciation of the consequences of judicial action.” *Id.* (quoting *Lujan*,

504 U.S. at 581 (Kennedy, J., concurring). Based on our thorough review of the record — including the uncontested declarations submitted in support of Plaintiffs’ motion — and the well-established standards for determining whether a plaintiff has standing, we are confident we have jurisdiction to proceed.¹¹

D. Prudential Ripeness

As noted, Defendants also invoke the prudential ripeness doctrine. *See* Defs.’ Mem. 6-10; Defs.’ Reply 1-2. Unlike standing and constitutional ripeness, prudential ripeness does not relate to the Court’s jurisdiction. Instead, “when a court declares that a case is not prudentially ripe, it means that the case will be *better* decided later and that the parties will not have constitutional rights undermined by the delay.” *Simmonds*, 326 F.3d at 357. The “ripeness requirement is designed ‘to prevent the courts, through avoidance of premature adjudication, from entangling themselves in abstract disagreements over administrative policies, and also to protect the agencies from judicial interference until an administrative decision has been formalized and its effects felt in a concrete way by the challenging parties.’” *Ohio Forestry*

¹¹ Defendants do not argue that we should engage in a zone-of-interests analysis, which the Supreme Court has sometimes described as a component of “prudential standing.” *Lexmark Int’l*, 572 U.S. at 127 n.3. Accordingly, they have waived the argument. *See Fed. Defs. of N.Y., Inc. v. Fed. Bureau of Prisons*, 954 F.3d 118, 128 (2d Cir. 2020) (holding, after *Lexmark*, that the zone-of-interests test is not jurisdictional); *see also, e.g., Young v. Conway*, 698 F.3d 69, 85 (2d Cir. 2012) (“It is well-settled that non-jurisdictional arguments and defenses may be waived . . .”). In any event, in light of *Lexmark*’s observation that “the zone-of-interests analysis . . . asks whether this particular class of persons has a right to sue under this substantive statute” and “whether a *legislatively conferred* cause of action encompasses a particular plaintiff’s claim,” 572 U.S. at 127 (emphasis added) (alterations, citations, and internal quotation marks omitted), we doubt that it has any application here, as the claims on which Plaintiffs move are constitutional and equitable in nature. *See, e.g., Sierra Club v. Trump*, 929 F.3d 670, 700-02 (9th Cir. 2019).

Ass’n, Inc. v. Sierra Club, 523 U.S. 726, 732-33 (1998) (quoting *Abbott Labs. v. Gardner*, 387 U.S. 136, 148-49 (1967)); see *Nat’l Org. for Marriage*, 714 F.3d at 691.¹²

“To determine whether to abstain from a case on prudential ripeness grounds, we proceed with a two-step inquiry,” evaluating “both the fitness of the issues for judicial decision and the hardship to the parties of withholding court consideration.” *Nat’l Org. for Marriage*, 714 F.3d at 691 (internal quotation marks omitted). The first step of the inquiry “is concerned with whether the issues sought to be adjudicated are contingent on future events or may never occur.” *N.Y. Civil Liberties Union v. Grandeau*, 528 F.3d 122, 132 (2d Cir. 2008) (internal quotation marks and alterations omitted). “In assessing th[e] possibility of hardship, we ask whether the challenged action creates a direct and immediate dilemma for the parties.” *Id.* at 134 (internal quotation marks omitted). The two-step inquiry requires consideration, in turn, of three factors: “(1) whether delayed review would cause hardship to the plaintiffs; (2) whether judicial intervention would inappropriately interfere with further administrative action; and (3) whether the courts would benefit from further factual development of the issues presented.” *Ohio Forestry Ass’n*, 523 U.S. at 733.

Considering these factors here, we conclude that the test for prudential ripeness is “easily satisfied.” *Susan B. Anthony List*, 573 U.S. at 167. First, given that Plaintiffs’ alleged census-related harms are occurring now, and can be remedied only if we rule on their claims before census operations conclude in a matter of days or weeks, delaying review would cause Plaintiffs

¹² In recent years, the Supreme Court has cast doubt on the “continuing vitality of the prudential ripeness doctrine,” on that ground that it “is in some tension with . . . the principle that a federal court’s obligation to hear and decide cases within its jurisdiction is virtually unflagging.” *Susan B. Anthony List*, 573 U.S. at 167 (internal quotation marks omitted). But because neither the Supreme Court nor the Second Circuit has abandoned the doctrine yet, we are bound to consider Defendants’ arguments here.

grave hardship. *See Chamber of Commerce of U.S. v. Reich*, 57 F.3d 1099, 1100 (D.C. Cir. 1995) (per curiam) (finding a challenge to an Executive Order announcing a policy of the executive branch ripe where “the injury alleged . . . [is that] the mere existence of the Order alters the balance of bargaining power between employers and employees by creating a disincentive for employers to hire replacement workers”). Justice delayed would indeed be justice denied. Moreover, because there are no do-overs for the census, the adverse consequences of that delay could resonate for a decade, until the next decennial census. Second, although Defendants assert in conclusory fashion that judicial intervention “would inappropriately interfere with the Bureau’s ongoing process by hindering agency efforts to refine its policies and to apply its expertise,” Defs.’ Reply 2 (internal quotation marks omitted), that assertion borders on frivolous. On its face, the Presidential Memorandum does not purport to regulate the actual conduct of the census, *see* Presidential Memorandum, 85 Fed. Reg. at 44,679 (“Excluding Illegal Aliens From the Apportionment Base *Following* the 2020 Census” (emphasis added)), and Defendants themselves concede that it “does *not* affect how the Census Bureau is conducting its remaining enumeration operations,” Defs.’ Mem. 12. Moreover, as discussed below, relief can be crafted to minimize, if not eliminate, interference with administrative action. And finally, although the standing-related question of whether or to what extent Plaintiffs would suffer apportionment-related harms would benefit from further factual development, the gravamen of Plaintiffs’ claims — that the President lacks the authority to exclude illegal aliens from the apportionment base — “presents an issue that is ‘purely legal, and will not be clarified by further factual development.’” *Susan B. Anthony List*, 573 U.S. at 167 (quoting *Thomas*, 473 U.S. at 581).

Thus, we conclude there is no basis to defer consideration of Plaintiffs' claims on ripeness ground. The fact that the Presidential Memorandum contains something akin to a "savings clause" — namely, that it is "the policy of the United States to exclude" illegal aliens from the apportionment base "*to the maximum extent feasible and consistent with the discretion delegated to the executive branch*," Presidential Memorandum, 85 Fed. Reg. at 44,680 (emphasis added) — does not alter that conclusion. Where, as here, the President's proclamation "unambiguously commands action" such that "there is more than a 'mere possibility that some agency might make a legally suspect decision,'" such a "savings clause does not and cannot override" the proclamation's "meaning." *City & Cty. of San Francisco v. Trump*, 897 F.3d 1225, 1240 (9th Cir. 2018) (quoting *Bldg. & Const. Trades Dep't, AFL-CIO v. Allbaugh*, 295 F.3d 28, 33 (D.C. Cir. 2002)). Indeed, savings clauses must be "read in their context, and they cannot be given effect when the Court, by rescuing the . . . measure, would override clear and specific language." *Id.* at 1239. In this case, the President explicitly declares that "it is the policy of the United States to exclude" illegal aliens "from the apportionment base," an unambiguous directive that, as discussed above, is having immediate and ongoing effects. Moreover, the Presidential Memorandum mandates that this policy be effected "*to the maximum extent*" feasible and consistent with law. Presidential Memorandum, 85 Fed. Reg. at 44,680 (emphasis added). Given that "a presumption of regularity attaches to the actions of Government agencies," *U.S. Postal Serv. v. Gregory*, 534 U.S. 1, 10 (2001), we must and do presume that the Secretary and the Census Bureau will abide by the President's directives and work diligently to help exclude illegal aliens from the apportionment base to the maximum extent possible. Whether doing so would be a lawful exercise of the President's authority is a pure legal question that can be addressed now.

THE MERITS

In their motion, Plaintiffs seek relief on two grounds: first, they argue that the Presidential Memorandum violates Article I and the Fourteenth Amendment to the Constitution; and second, they contend that it constitutes an *ultra vires* violation of the laws governing the census and apportionment. Pls.’ Mem. 1-2. On the latter front, Plaintiffs insist that the Presidential Memorandum exceeds the powers delegated by Congress in 13 U.S.C. § 141 and 2 U.S.C. § 2a in at least two ways: (1) because it contemplates calculating apportionment using tabulations other than those produced by the census and (2) because it seeks to exclude illegal aliens from the apportionment base regardless of whether they are “persons in” a “State” as those terms are used in Section 2a(a). *Id.* at 27-36.

Although Plaintiffs urge us to decide both their constitutional claims and their statutory claims, and the parties focus mostly on the constitutional issues, courts have long been admonished not to “pass upon a constitutional question although properly presented by the record, if there is also present some other ground upon which the case may be disposed of.”

Ashwander v. TVA, 297 U.S. 288, 347 (1936) (Brandeis, J., concurring); *accord Slack v. McDaniel*, 529 U.S. 473, 485 (2000); *House of Representatives*, 525 U.S. at 343-44.

Accordingly, we begin — and, as it turns out, end — with Plaintiffs’ statutory claims. In doing so, of course, “we start with the text of the statute.” *Babb v. Wilkie*, 140 S. Ct. 1168, 1172 (2020). “Where the statute’s language is plain, the sole function of the courts is to enforce it according to its terms.” *United States v. Kozeny*, 541 F.3d 166, 171 (2d Cir. 2008) (internal quotation marks omitted). We may look to legislative history and other tools of statutory construction if the statutory terms are ambiguous or “to corroborate and fortify our

understanding of the text.” *Dig. Realty Tr., Inc. v. Somers*, 138 S. Ct. 767, 783 (2018) (Sotomayor, J., concurring).

A. Apportionment Must Be Based on the Results of the Census Alone

Plaintiffs’ first argument is that the Presidential Memorandum violates the statutes governing the census and apportionment by producing apportionment figures that are not based solely on the decennial census. This argument relies on the interplay between Section 141 and Section 2a. Subsection (a) of the former requires the Secretary to conduct the “decennial census of population.” 13 U.S.C. § 141(a). Subsection (b) then requires the Secretary to report to the President “[t]he tabulation of total population by States under subsection (a) of this section” — that is, *under* the “decennial census” — “as required for the apportionment of Representatives in Congress.” *Id.* § 141(b). Section 2a(a), in turn, requires the President to transmit to Congress “a statement showing the whole number of persons in each State . . . as ascertained under the . . . decennial census of the population, and the number of Representatives to which each State would be entitled . . . by the method known as the method of equal proportions . . .” 2 U.S.C. § 2a(a). By its terms, therefore, Section 141 calls for the Secretary to report a single set of numbers — “[t]he tabulation of total population by States” under the “decennial census” — to the President. And Section 2a, in turn, “expressly require[s] the President to use . . . the data from the ‘decennial census’” in determining apportionment. *Franklin*, 505 U.S. at 797. That is, once the final decennial census data is in hand, the President’s role is purely “ministerial.” *Id.* at 799.

Legislative history and the longstanding understanding of the Executive Branch itself confirm that the Secretary’s “tabulation,” and the President’s apportionment calculations, must be based on decennial census data alone. Significantly, the statutes first took their current form

in 1929, after a decade-long stalemate over the method for calculating the reapportionment following the 1920 census. *See id.* at 791-92. Congress responded to this problem by creating an “automatic reapportionment” scheme that would be “virtually self-executing.” *Id.* at 792. In particular, the scheme created an “automatic connection between the census and the reapportionment”; indeed, that was “*the* key innovation of the Act.” *Id.* at 809 (Stevens, J., concurring in part and concurring in the judgment) (emphasis added). The Senate Report accompanying the bill explained in reference to the next census:

The census would be taken in November, 1929. One year later, *with these figures in hand*, the President would report *the census figures*, together with a table showing how, *under these figures*, the House would be apportioned . . . pursuant to a purely ministerial and mathematical formula Precisely the same process would protect reapportionment in each subsequent decennium.

S. Rep. No. 71-2, at 4 (1929). Along similar lines, the House Report explained that, under the bill, “the House is reapportioned in accordance with the tabulation transmitted by the Secretary of Commerce . . . ; the tabulations transmitted to Congress are on the basis of the 1930 census” H. Rep. No. 70-2010, at 4 (1929); *see also id.* at 7 (explaining that the Secretary, to whom the bill also originally assigned the task of reapportionment later assigned to the President, “is left with no discretionary power. He must use absolutely, without deviation, the population of each State *as gathered and reported by the Director of the Census.*” (emphasis added)).¹³

¹³ Although we are wary of relying too heavily on floor statements by members of Congress, it is worth noting that Senator Vandenberg of Michigan, the principal sponsor the bill, reaffirmed that the legislation required the President “to report the result of a census” and to apply the reapportionment formula to “the result of the census.” 71 Cong. Rec. 1613 (1929) (statement of Sen. Vandenberg). Elsewhere, he and Senator Walsh of Montana confirmed in a colloquy with Senator Swanson of Virginia “that the President is bound and has no discretion” but “to make the apportionment *according to the census.*” *Id.* at 1845 (statement of Sen. Swanson) (emphasis added).

Similarly, its position in this litigation notwithstanding, the Department of Justice (the “Justice Department” or “DOJ”) has long adhered to the view that the President’s statement to Congress regarding apportionment has to be based solely on the tabulation of total population produced by the census. As the Justice Department explained more than forty years ago in *Federation for American Immigration Reform (FAIR) v. Klutznick*, “every inhabitant of a state the Census counts is included in the apportionment base. . . . The total resident population of the states is the apportionment base.” Defs.’ Reply Mem. & Opp’n at 11, 486 F. Supp. 564 (D.D.C. 1980) (No. 79-CV-3269), 1980 WL 683642, at *7 (citing H.R. Rep. No. 91-1314 (1970)).¹⁴

Along similar lines, the Government acknowledged during oral argument in *Franklin v. Massachusetts* that “[t]he law directs [the President] to apply, of course, a particular mathematical formula to the population figures he receives” and that “[i]t would be unlawful . . . just to say, these are the figures, they are right, but I am going to submit a different statement.” Oral Arg. Tr. at 12, *Franklin v. Massachusetts*, 505 U.S. 788 (No. 91-1502). “I think under the law he is supposed to base his calculation on the figures submitted by the Secretary.” *Id.* at 13; *see also*, Reply Br. Appellants, *Franklin*, 505 U.S. 788 (No. 91-1502), 1992 WL 672612, at *15 (Apr. 20, 1992) (“[T]he method of equal proportions calls for application of a set mathematical formula to the state population totals *produced by the census*.” (emphasis added)).

In short, this history confirms our reading of the statutes’ plain terms: The Secretary is required to report a single set of figures to the President — namely, “[t]he tabulation of total

¹⁴ The House Report to which DOJ cited noted unambiguously that “the enumerated decennial census population is the basis for the apportioning of [the House] among the several States.” H.R. Rep. No. 91-1314, at 3 (1970). Elsewhere, it summarized the three “elements” of the President’s statement under Section 2a(a): “(1) The population of each State *as determined by the decennial census*; (2) The existing total number of Representatives (435); and (3) The apportionment which results from using a mathematical method known as the method of equal proportions.” *Id.* at 2 (emphasis added).

population by States” under the “decennial census” — and the President is then required to use those same figures to determine apportionment using the method of equal proportions.

The Presidential Memorandum deviates from, and thus violates, these statutory requirements. Whereas the statute calls for the Secretary to include only the census figures in his report to the President, the Presidential Memorandum mandates that the Secretary provide a second set of figures as well: namely, the population of each State “exclud[ing]” illegal aliens. Presidential Memorandum, 85 Fed. Reg. at 44,680. The Presidential Memorandum leaves it to the Secretary how to come up with those figures, but they will necessarily be derived from something other than the census itself, as the 2020 census is not gathering information concerning citizenship or immigration status, and the 2020 census itself is counting illegal aliens. *See* Order at 1-2, *New York v. Dep’t of Commerce*, 18-CV-2921 (JMF), ECF No. 653 (permanently enjoining the inclusion of a citizenship question on the 2020 census questionnaire); *see also* Presidential Memorandum, 85 Fed. Reg. at 44,680 (noting that “data on illegal aliens . . . relevant for the purpose of conducting the apportionment” may be available as a result of Executive Order 13880, which directed executive agencies “to share information with the Department of Commerce” regarding “the number of citizens, non-citizens, and illegal aliens in the country”). By doing so, the Presidential Memorandum violates Congress’s mandate to use the results of the census — and only the results of the census — in connection with the apportionment process and the counting of them in the census pursuant the Residence Rule.

In arguing otherwise, Defendants rely almost exclusively on the Supreme Court’s decision in *Franklin*, *see* Defs.’ Mem. 40-42; Oral Arg. Tr. 48-54, but that reliance is misplaced. In *Franklin*, the plaintiffs brought two discrete challenges, one a constitutional challenge to the formula used in connection with reapportionment and one a challenge under the Constitution and

the APA to the conduct of the census — specifically, to the Census Bureau’s decision to count federal employees serving overseas as residents of the State listed as their home of record in their personnel files. *See Massachusetts v. Mosbacher*, 785 F. Supp. 230, 233 (D. Mass. 1992). A three-judge district court rejected the first challenge, but agreed with the second. *See id.* at 267-68. On appeal from the latter ruling alone, the Supreme Court reversed. With respect to the plaintiffs’ constitutional claim, the Court held that the Secretary’s judgment “that many federal employees temporarily stationed overseas had retained their ties to the States and could and should be counted toward their States’ representation in Congress” was “consonant with, though not dictated by, the text and history of the Constitution.” *Franklin*, 505 U.S. at 806. With respect to the plaintiffs’ APA claim, the Court held that the decision could not be challenged because the only final action affecting the States was the President’s Section 2a(a) statement and the President does not qualify as an “agency” for purposes of the APA. *See id.* at 796-801. The Secretary’s Section 141(b) report, the Court explained, “carries no direct consequences for the reapportionment” and, thus, “serves more like a tentative recommendation than a final and binding determination.” *Id.* at 798.

While addressing the question of whether the plaintiffs could bring a claim under the APA, the Court described the interplay between Section 2a and Section 141:

After receiving the Secretary’s report, the President is to “transmit to the Congress a statement showing the whole number of persons in each State . . . as ascertained under the . . . decennial census of the population.” 2 U.S.C. § 2a(a). Section 2a does not expressly require the President to use the data in the Secretary’s report, but, rather, the data from the “decennial census.” There is no statute forbidding amendment of the “decennial census” itself after the Secretary submits the report to the President. For potential litigants, therefore, the “decennial census” still presents a moving target, even after the Secretary reports to the President. . . . Moreover, there is no statute that rules out an instruction by the President to the Secretary to reform the census, even after the data are submitted to him. It is not until the President submits the information to Congress

that the target stops moving, because only then are the States entitled by § 2a to a particular number of Representatives.

505 U.S. at 797-98. The Court acknowledged that the President’s role under Section 2a was “admittedly ministerial,” but that “[i]d] not answer the question whether the apportionment is foreordained by the time the Secretary gives her report to the President.” *Id.* at 799. Put simply, the Court concluded, “§ 2a does not curtail the President’s authority” — pursuant to “his accustomed supervisory powers over his executive officers” — “to direct the Secretary in making policy judgments that result in ‘the decennial census’; he is not expressly required to adhere to the policy decisions reflected in the Secretary’s report.” *Id.* at 799-800.

Defendants seize on this language to argue that the President has discretion to define who should be considered inhabitants — or “persons in each State,” 2 U.S.C. § 2a(a); *see* U.S. Const. Art. I § 2, cl. 3 — for purposes of the census. Presidential Memorandum, 85 Fed. Reg. at 44,679; *see* Defs.’ Mem. 40-42; Def. Reply 9-10; Oral Arg. Tr. 47. That may or may not be true — we address it below — but it is beside the point for present purposes. *Franklin* does not suggest, let alone hold, that the President has authority to use something other than the census when calculating the reapportionment; indeed, the Court did not even consider the plaintiffs’ challenge to the apportionment. At most, *Franklin* establishes that the President retains his “usual superintendent role” with respect to the conduct of the census — and can direct the Secretary to make “policy judgments *that result in ‘the decennial census.’*” *Id.* at 799-800 (emphasis added); *see also id.* at 797-98 (referring to “amendment of the ‘decennial census’ itself” and “instruction by the President to the Secretary to reform the census”).¹⁵ But by

¹⁵ Thus, defense counsel is wrong in suggesting that the *Franklin* Court blessed the use of a tabulation that was based on both the census and “separate records outside the census.” Oral Arg. Tr. 52. The overseas personnel were counted as part of the census itself, resulting in a single “tabulation of total population by States” under the “decennial census.” 13 U.S.C. § 141(a)-(b). That they were counted using administrative records rather than a questionnaire is

Defendants’ own admission, that is not what the President did here. *See, e.g.*, Joint Pre-Conference Ltr. 5 (“Plaintiffs are not challenging some procedure that will be used in the actual census, but an apportionment number that will be chosen by the President after the census is complete.”); Defs.’ Mem. 12 (“[T]he Memorandum does *not* affect how the Census Bureau is conducting its remaining enumeration operations”); ECF No. 120 (Decl. of Albert E. Fontenot, Jr.) ¶ 12 (“The Presidential Memorandum . . . has had no impact on . . . the Census Bureau’s commitment to count each person in their usual place of residence, as defined in the [Residence Rule].”).

In short, contrary to Defendants’ arguments, the statutory scheme enacted by Congress does not give the President authority to “choose” any set of numbers he wants “to plug into the ‘method of equal proportions.’” Defs.’ Mem. 42. Instead, Congress mandated that the President use a specific set of numbers — those produced by the decennial census itself — for purposes of the reapportionment. By deviating from that mandate, the Presidential Memorandum exceeds the authority of the President and constitutes an *ultra vires* violation of the statutes.

B. The Apportionment Base Cannot Exclude Illegal Aliens Who Reside in a State

The Presidential Memorandum also deviates from Section 2a(a) in defining “the whole number of persons in each State” to categorically exclude illegal aliens residing in each State. Once again, we begin with the plain language of the statute. Defendants do not dispute — in the Presidential Memorandum or in their briefs — that illegal aliens are “persons” within the meaning of the Section 2a(a), and for good reason. The ordinary meaning of the word “person” is “human” or “individual” and surely includes citizens and non-citizens alike. *See Plyler v.*

of no moment, as Section 141(a) broadly delegates to the Secretary the authority to conduct the census “in such form . . . as he may determine.” *Id.* § 141(a).

Doe, 457 U.S. 202, 210 (1982) (“Whatever his status under the immigration laws, an alien is surely a ‘person’ in any ordinary sense of that term.”). Moreover, the U.S. Code is filled with other statutes that use terms that plainly exclude illegal aliens, such as “citizen” or “alien lawfully admitted.” *E.g.*, 5 U.S.C. § 552a(a)(2). “Congress thus distinguishes between a ‘citizen’ and ‘any person’ when it wishes to do so.” *O’Rourke v. U.S. Dep’t of Justice*, 684 F. Supp. 716, 718 (D.D.C. 1988) (holding that the phrase “any person” in the Freedom of Information Act, 5 U.S.C. §§ 551 *et seq.*, includes non-citizens); *accord Stone v. Exp.-Imp. Bank of U. S.*, 552 F.2d 132, 136 (5th Cir. 1977); *see also, e.g., Suzlon Energy Ltd. v. Microsoft Corp.*, 671 F.3d 726, 729 (9th Cir. 2011) (holding that “any person” in the Electronic Communications Privacy Act, 18 U.S.C. §§ 2510 *et seq.*, “means any person, including foreign citizens”).

Instead, Defendants hang their hats on the four-word phrase “persons in each State.” Presidential Memorandum, 85 Fed. Reg. at 44,679; *see* Defs.’ Mem. 2, 29-30; Defs.’ Reply 11. That phrase, they argue, has been construed to mean “inhabitants” or to turn on “usual residence,” terms that are not self-defining and call for “the exercise of judgment.” Presidential Memorandum, 85 Fed. Reg. at 44,679. That is true enough. *See Franklin*, 505 U.S. at 803-05 (noting that, since 1790, Congress and the Census Bureau have used words such as “inhabitant” and “[u]sual residence” to “describe the required tie to the State” and that defining the metes and bounds of these terms are not always clear). But it does not follow that illegal aliens — a category defined by legal status, not residence — can be excluded from the phrase. To the contrary, the ordinary definition of the term “inhabitant” is “one that occupies a particular place regularly, routinely, or for a period of time.” *See* MERRIAM-WEBSTER’S COLLEGE DICTIONARY 601 (10th ed. 1997). And however ambiguous the term may be on the margins, it surely

encompasses illegal aliens who live in the United States — as millions of illegal aliens indisputably do, some for many years or even decades.¹⁶

The Presidential Memorandum provides two examples to support its conclusion that “[t]he discretion delegated to the executive branch to determine who qualifies as an ‘inhabitant’ includes authority to exclude from the apportionment base aliens who are not in a lawful immigration status,” Presidential Memorandum, 85 Fed. Reg. at 44,679, but neither is remotely convincing. First, the Memorandum notes that “aliens who are only temporarily in the United States, such as for business or tourism, and certain foreign diplomatic personnel are ‘persons’ who have been excluded from the apportionment base.” *Id.* True enough, but that is not based on their legal status. Instead, it is based on the fact that the United States is not their “usual residence.” (Indeed, that is reflected in the Residence Rule.) Second, the Memorandum points to the fact that “overseas Federal personnel have, at various times, been included in” the apportionment base. *Id.* Once again, true enough. (Indeed, that was the issue in *Franklin*.) But that is based on the fact that the terms “usual residence” and “inhabitant” have “been used

¹⁶ Defendants argue that it is Plaintiffs’ burden to show “that there is *no* category of illegal aliens that may be lawfully excluded from the apportionment,” Defs.’ Mem. 39, and suggest that Plaintiffs cannot meet that burden because some categories of illegal aliens (e.g., aliens residing in a detention facility after being arrested while crossing the border) can be lawfully excluded, *see id.* at 27. But the examples Defendants proffer are arguably excluded (or excludable) based on their “usual residence,” not their legal status. In any event, Defendants cite no authority for applying the standards for facial challenges to the constitutionality of statutes to claims, like those here, that the President has exceeded the authority granted to him by Congress. Indeed, that arguably gets it backwards: If the President goes outside the bounds of the authority granted to him by Congress, a court’s power to grant relief should not depend on how far outside the bounds he went. Notably, courts considering similar claims have not approached them in the manner Defendants propose. *See, e.g., Hawaii v. Trump*, 878 F.3d 662, 690-92 (9th Cir. 2017) (concluding that a presidential proclamation exceeded the President’s delegated authority under the Immigration and Nationality Act), *rev’d and remanded on other grounds*, 138 S. Ct. 2392 (2018); *Chamber of Commerce of U.S. v. Reich*, 74 F.3d 1322, 1324, 1337-39 (D.C. Cir. 1996) (concluding that an executive order announcing a “policy of the executive branch” was *ultra vires* and invalid).

broadly enough to include some element of allegiance or enduring tie to a place” and to “include ‘persons absent occasionally for a considerable time on public or private business.’” *Franklin*, 505 U.S. at 804-05 (quoting 2 THE RECORDS OF THE FEDERAL CONVENTION OF 1787, at 217 (Max Farrand ed., rev. ed. 1966) (statement of James Madison)). It is simply a non sequitur to suggest, as the Presidential Memorandum does, that just because the phrase “persons in each State” can be construed to *include* people who are “temporarily stationed abroad” but “retain[] their ties to the States,” *id.* at 806, it can also be construed to *exclude* people who indisputably inhabit or reside in a State.

Defendants are on no firmer ground in arguing that illegal aliens can be excluded from “the whole number of persons in each State,” as that phrase is used in Section 2a, because they “may be removed from the country at any time.” Defs.’ Mem. 39. A person living in a State but facing future removal is no less a “person[] in that State,” Defs.’ Reply 4 (internal quotation marks and alteration omitted), than someone living in the State without the prospect of removal. Moreover, many people in immigration custody or removal proceedings actually have *lawful* immigration status, *see, e.g., Ragbir v. Homan*, 923 F.3d 53, 57-58 (2d Cir. 2019), and their placement in custody or removal proceedings does not necessarily render them unlawfully present. Notably, data reveal that immigration judges ultimately allow many aliens in custody or removal proceedings to remain in the United States. *See Immigration Judges Decide 57 Percent Entitled to Remain in U.S.*, TRAC IMMIGRATION (Aug. 17, 2016), <https://trac.syr.edu/immigration/reports/435/>. And many people initially designated as “undocumented” — including many intercepted at the border — ultimately obtain lawful status, such as asylum. *See* EXEC. OFFICE FOR IMMIGRATION REVIEW, U.S. DEP’T OF JUSTICE, STATISTICS YEARBOOK FISCAL

YEAR 2018, at 27 (2019), <https://www.justice.gov/eoir/file/1198896/download>. Nothing in Section 2a turns on such fluctuations and nuances in legal status.

Once again, legislative history and settled practice confirm our conclusion that “persons in each State” turns solely on residency, without regard for legal status. In looking to legislative history, we look not to the history surrounding the framing of the Constitution or the Reconstruction Amendments, even though the words in the statute mirror those in Article I and the Fourteenth Amendment. Instead, we look to 1929, when Section 2a was enacted and the words “whole number of persons in each State” entered the statutory lexicon. *See* Act of June 18, 1929, Pub. L. No. 71-13 § 22, 46 Stat. 21, 26. That is because our task is to interpret the statute itself, and we do so “in accord with the ordinary public meaning of its terms at the time of its enactment.” *Bostock v. Clayton Cty.*, 140 S. Ct. 1731, 1738 (2020). That is not to say that the constitutional language is irrelevant to our task: The drafters of Section 2a used the same words as those in the Constitution, so their understanding of the constitutional language sheds light on their understanding — and the “ordinary public meaning” — of the statutory text “at the time of its enactment.” *Id.* But it is their *understanding* of the constitutional language, *not* whether their understanding was correct (on which we need and do not opine), that matters. *Cf. Parker Drilling Mgmt. Servs., Ltd. v. Newton*, 139 S. Ct. 1881, 1890 (2019) (“It is a commonplace of statutory interpretation that Congress legislates against the backdrop of existing law.” (internal quotation marks omitted)).¹⁷

¹⁷ For this reason, we need not and do not delve into the meaning of the terms “inhabitant” and “usual residence” at the time of the Founding or of the Reconstruction Amendments, or consider whether the concept of unlawful status was known to the Framers of Article I or the Fourteenth Amendment. There is no dispute that the concept of “illegal aliens” existed in 1929, when Section 2a was enacted. *See* Defs.’ Mem. 36.

Notably, in enacting the 1929 Act that used the phrase “whole number of persons in each State,” the Senate and the House both considered and rejected amendments that would have excluded non-citizens from the apportionment base. *See* 71 Cong. Rec. 1907 (1929) (Sen. Sackett proposes amending S.B. 312 to require the President’s statement to Congress to show “the whole number of persons in each State, exclusive of aliens and excluding Indians not taxed”); *id.* at 2065 (vote on amendment by Sen. Sackett fails); *id.* at 2360-63 (House adopts alienage exclusion as amendment to the apportionment bill); *id.* at 2448-2455 (House adopts amendment of Rep. Tilson to remove the previously adopted alienage exclusion). What is more, opposition to these amendments was based not only on a view that “the whole number of persons in each State” should include every resident of each State, without regard to legal status; it was based also on a view that the Constitution mandated inclusion of illegal aliens residing in the United States. Senator David Reed, for instance, voiced support for an amendment excluding illegal aliens from the apportionment base as a matter of policy but opposed it on grounds of constitutionality and consistent practice. “Every Congress that acted on that part of Article I of the original Constitution and every apportionment that was made in reliance upon that article,” he explained, “included all free persons literally. It excluded Indians not taxed and it excluded slaves, but every apportionment inhabitant[] who” was not a “citizen[] w[as] included.” *Id.* at 1958. “That construction,” he noted then, “has been continuous and consistent.” *Id.*

Further evidence of the understanding of the phrase “whole number of persons in each State” in Section 2a is revealed by the opinion of the Senate’s legislative counsel on the issue. “That the fourteenth amendment was framed with the intention of including aliens,” he wrote, “is indicated by the rejection by the Congress of proposals to base representation on the number of

citizens and on the number of voters.” *Id.* at 1822. Consistent with that understanding, Congress had always included aliens in the apportionment base:

The practical construction of the constitutional provision by Congress in its apportionment legislation has been uniformly in favor of inclusion of aliens. No exception of noncitizens from the enumeration has been made under any past apportionment. The term “persons” necessarily either includes or excludes aliens; its constitutional meaning can not be changed by Congress; and the fact that it has from the beginning been construed to include aliens should be conclusive if the meaning was open to dispute.

Id. It was “therefore the opinion of [the legislative counsel’s] office that there is no constitutional authority for the enactment of legislation excluding aliens from enumeration for the purposes of apportionment of Representatives among the States.” *Id.* This prevailing view makes plain that when Congress directed the President to report the “whole number of persons in each State,” it understood the phrase to include all who lived in each State, without regard for legal status, and that it did not grant to the President discretion to do by Memorandum what it could not do by statute.¹⁸

Not for nothing, until the Presidential Memorandum, the Executive Branch had also always taken the view that the 1929 Act, if not the Constitution, prohibited exclusion of illegal aliens from the apportionment base due to legal status alone. In defending against a 1980 challenge to *including* illegal aliens in the apportionment base, for example, the Department of Justice argued that “[t]he plain language of [the Act] maintains the Constitutional requirement of counting all inhabitants of the states, legal and illegal, for purposes of apportionment. . . .

¹⁸ For what it’s worth, later Congresses took similar views. *See FAIR v. Klutznick*, 486 F. Supp. at 576-77 (three-judge court) (describing congressional debates); Stacy Robyn Harold, Note, *The Right to Representation and the Census*, 53 WAYNE L. REV. 921, 923 & n.15 (2007) (collecting congressional debates); *see also, e.g., 1980 Census: Counting Illegal Aliens: Hearing on S. 2366 Before the Subcomm. on Energy, Nuclear Proliferation & Fed. Servs. of the S. Comm. on Governmental Affairs*, 96th Cong. 12 (1980) (Senator Javits stating that the Constitution requires “the aggregate number of inhabitants, which includes aliens, legal and illegal”).

Moreover, the long-established practice of both Congress and the Census Bureau of reading the Constitution to require the counting of illegal aliens for apportionment purposes ratifies this construction.” Defs.’ Reply Mem. & Opp. Pls.’ Mot. Summ. J. 11, *FAIR*, 486 F. Supp. 564 (citing *Red Lion Broadcasting Co. v. FCC*, 395 U.S. 367, 380-82 (1967)). In 1988, the Justice Department took the position in a letter to Congress that excluding illegal aliens from the census and apportionment base would be unconstitutional, *see* Letter from Thomas M. Boyd, Acting Assistant Attorney Gen., to Rep. William D. Ford (June 29, 1988) (reprinted in U.S. GOV’T PRINTING OFFICE, 1990 CENSUS PROCEDURES AND DEMOGRAPHIC IMPACT ON THE STATE OF MICHIGAN, 240-44 (1988)), a position it reaffirmed one year later, *see* Letter from Carol T. Crawford, Assistant Attorney Gen., to Sen. Jeff Bingaman (Sept. 22, 1989) (reprinted in 135 Cong. Rec. S22,521 (daily ed. Sept. 29, 1989)). And the Census Bureau itself has long “interpreted its constitutional charge *and its statutory mandate* to require counting every person [irrespective of citizenship status] who has a usual residence in any State.” *Census Equity Act: Hearing on H.R. 2661 Before the Subcomm. on Census & Population of the H. Comm. on Post Office & Civil Serv.*, 101st Cong. 68 (1989) (statement of Michael R. Darby, Under Sec’y of Commerce for Econ. Affairs) (emphasis added); *accord* Letter from Robert A. Mosbacher, Sec’y of Commerce, to Sen. Jeff Bingaman (Sept. 25, 1989) (reprinted in 135 Cong. Rec. S22,522 (daily ed. Sept. 29, 1989)).

In fact, since 1929 (if not before), the consistent view of both political branches has been that Section 2a, if not the Constitution, requires the inclusion of all residents in the apportionment base, without regard for their legal status. When pressed at oral argument to cite “any instance, any support . . . in the historical record” for the proposition that the President has discretion under Section 2a to exclude illegal aliens from the apportionment base, defense

counsel came up empty. Oral Arg. Tr. 46 (“We have not been able to identify any.”). With admirable candor, albeit some understatement, he was compelled to concede that “[P]laintiffs’ best argument is history, and that cuts the other way.” *Id.* at 47.

With neither text nor history on their side, the only thing Defendants have remaining is their assertion that excluding illegal aliens from the apportionment base is “more consonant with the principles of representative democracy underpinning our system of Government.” Presidential Memorandum, 85 Fed. Reg. at 44,680. That is certainly a defensible (though contestable) proposition. But it is also irrelevant. The Constitution gives to Congress the authority to regulate the census and to reapportion the House. In exercising that authority, and delegating responsibility to the Executive Branch, Congress adopted a different theory of Government, in which the House of Representatives represents the whole population, not a subset of the population, and there is “equal representation for equal numbers of people.” *Wesberry v. Sanders*, 376 U.S. 1, 14 (1964). The President is not free to substitute his own view of what is most “consonant with the principles of representative democracy” for the view that Congress already chose.

The statutory command to use the “whole number of persons in each State” as the apportionment base does not give the President discretion to exclude illegal aliens on the basis of their legal status, without regard for their residency. In declaring that “it is the policy of the United States” to do so, and commanding the Secretary to take steps to carry out that policy, the Presidential Memorandum deviates from, and thus violates, Section 2a.

C. Conclusion

In sum, the Presidential Memorandum deviates from, and thus violates, the statutory scheme in two independent ways: first, by requiring the Secretary to include in his Section

141(b) report a set of numbers other than “[t]he tabulation of total population by States” under the “decennial census” and contemplating reapportionment based on a set of numbers other than “the whole number of persons in each State . . . as ascertained under the . . . decennial census of the population”; and second, by excluding illegal aliens from the “whole number of persons in each State” that Section 2a(a) requires to be used as the apportionment base.

As Defendants implicitly concede, it follows that Plaintiffs are entitled to summary judgment on their statutory claims pursuant to the *ultra vires* doctrine, a cause of action that “is the creation of courts of equity, and reflects a long history of judicial review of illegal executive action, tracing back to England.” *Armstrong v. Exceptional Child Ctr., Inc.*, 575 U.S. 320, 327 (2015). The doctrine provides that “[w]hen an executive acts *ultra vires*,” as is the case here, “courts are normally available to reestablish the limits on his authority.” *Reich*, 74 F.3d at 1328; *see also Stark v. Wickard*, 321 U.S. 288, 309-10 (1944) (“When Congress passes an Act empowering administrative agencies to carry on governmental activities, the power of those agencies is circumscribed by the authority granted. . . . The responsibility of determining the limits of statutory grants of authority in such instances is a judicial function entrusted to the courts by Congress by the statutes establishing courts and marking their jurisdiction.”); *Am. Sch. of Magnetic Healing v. McAnnulty*, 187 U.S. 94, 108 (1902) (“The acts of all [executive branch] officers must be justified by some law, and in case an official violates the law to the injury of an individual the courts generally have jurisdiction to grant relief.”); *Mountain States Legal Found. v. Bush*, 306 F.3d 1132, 1136 (D.C. Cir. 2002) (“Courts remain obligated to determine whether statutory restrictions have been violated.”). In light of that conclusion, we need not and do not reach Plaintiffs’ constitutional claims, let alone the Plaintiffs’ claims that did not form the basis

for their motion. Thus, Defendants’ motion to dismiss those claims under Rule 12(b)(6) of the Federal Rules of Civil Procedure is moot.

REMEDIES

Having granted Plaintiffs summary judgment on their statutory claims, we turn to the issue of remedies. Plaintiffs seek a permanent injunction prohibiting all Defendants — including the President himself — from implementing the Presidential Memorandum and a declaratory judgment that the Presidential Memorandum is unlawful. *See* Gov’t Pls.’ Compl. 44-45; NGO Pls.’ Compl. 88-89.

A. Injunctive Relief

It is well established that plaintiffs “seeking a permanent injunction must satisfy a four-factor test before a court may grant such relief.” *eBay Inc. v. MercExchange, L.L.C.*, 547 U.S. 388, 391 (2006). Specifically, they must show: (1) that they have suffered an irreparable injury; (2) that remedies available at law, such as monetary damages, are inadequate to compensate for that injury; (3) that, considering the balance of hardships between the plaintiffs and defendants, a remedy in equity is warranted; and (4) that the public interest would not be disserved by a permanent injunction. *See id.* But because “the government’s interest is the public interest,” where, as here, the government is a party, the last two factors merge. *Pursuing Am.’s Greatness v. FEC*, 831 F.3d 500, 511 (D.C. Cir. 2016); *accord Nken v. Holder*, 556 U.S. 418, 435 (2009).

Plaintiffs easily satisfy each factor and, thus, are entitled to an injunction. First and foremost, as discussed above, the census-related harms that Plaintiffs have demonstrated would be irreparable absent an injunction. That is, because there are no census do-overs, there would be no way to remedy them after the fact. And even if there were a way to correct for them after the fact, the harms, by their nature, are difficult, if not impossible, to measure. *See, e.g., Salinger*

v. Colting, 607 F.3d 68, 81 (2d Cir. 2010) (“Harm might be irremediable, or irreparable, for many reasons, including that a loss is difficult to replace or difficult to measure . . .”). Making matters worse, the harms caused by an inaccurate census would be felt for at least a decade, until the 2030 decennial census — if not longer. *See, e.g.*, Baldwin Decl. ¶ 25 (explaining that because the State of Washington relies on thirty-year population forecasts, which requires “an indicator that goes back in time as far as you are forecasting forward in time,” the “2020 census data will be used in forecasting until at least the 2050 census data is available, and probably longer”). For much the same reason, the remedies available at law would plainly be inadequate. *See, e.g., New York v. Dep’t of Commerce*, 351 F. Supp. 3d at 675 (issuing an injunction and finding that “the degradation of information . . . would be irreparable, without any adequate remedy at law”).

Finally, the balance of the hardships and the public interest both favor an injunction. Indeed, “[t]here is generally no public interest in the perpetuation of unlawful agency action. To the contrary, there is a substantial public interest in having governmental agencies abide by the federal laws that govern their existence and operations.” *League of Women Voters of U.S. v. Newby*, 838 F.3d 1, 12 (D.C. Cir. 2016) (internal quotation marks and citation omitted). Moreover, both the Supreme Court’s decision in *Department of Commerce v. House of Representatives* — affirming the Eastern District of Virginia’s permanent injunction against the use of statistical sampling to enumerate the population in the 2000 census — and the Second Circuit’s holding in *Carey* — affirming a preliminary injunction requiring the Census Bureau to process certain forms and to compare its list of New York City residents against other government records — confirm that the public interest favors an injunction in these cases. *See House of Representatives*, 525 U.S. at 344; *Carey v. Klutznick*, 637 F.2d 834, 839 (2d Cir. 1980).

As the Second Circuit noted in *Carey*, “the public interest . . . requires obedience . . . to the requirement that Congress be fairly apportioned, based on accurate census figures. Furthermore, it is in the public interest that the federal government distribute its funds, when the grant statute is keyed to population, on the basis of accurate census data.” *Id.*

Defendants’ sole claim of hardship is that an injunction would “interfere with the Bureau’s ongoing process by hindering agency efforts to refine its policies and to apply its expertise.” Defs.’ Reply 2 (internal quotation marks and alterations omitted).¹⁹ They do not elaborate further, but it is plain that they are not referring to the operations of the census itself because, as noted above, they repeatedly concede that the Presidential Memorandum does “not in any way affect the conduct of the actual census.” *Id.* Thus, Defendants must be referring to the Census Bureau’s ongoing efforts to figure out how, if at all, to implement the President’s directive in the Presidential Memorandum in time to meet the statutory deadline for the Secretary’s report to the President. *See* 13 U.S.C. § 141(b). But it is against the public interest to comply with an unlawful directive. And any suggestion that, in the event our decision is reversed on appeal, granting an injunction would hinder the Census Bureau’s efforts to comply with the Presidential Memorandum by the deadline are undermined by Defendants’ repeated

¹⁹ Referencing a point they made in passing in a footnote in their opening brief, Defendants also argue for the first time in their reply that an injunction prohibiting the Secretary from transmitting information would violate the Opinions Clause of the Constitution, *see* Defs.’ Reply 11 (citing Defs.’ Mem. 42 n.17), which empowers the President to “require the Opinion, in writing, of the principal Officer in each of the executive Departments, upon any Subject relating to the Duties of their respective Offices,” U.S. Const. art. 2, § 2, cl. 1. A party may not raise an argument in a footnote or for the first time in reply, so we deem the argument to be waived. *See, e.g., Norton v. Sam’s Club*, 145 F.3d 114, 117 (2d Cir. 1998) (“Issues not sufficiently argued in the briefs are considered waived”); *Levine v. Lawrence*, No. 03-CV-1694 (DRH) (ETB), 2005 WL 1412143, at *5 (E.D.N.Y. June 15, 2005) (“[F]ailure to adequately brief an argument constitutes waiver of that argument”). In any event, ensuring that the Secretary complies with the mandates of Section 141(b) — and, by extension, that the President complies with the mandates of Section 2a(a) — does not run afoul of the Opinions Clause.

assertions that “an erroneous or invalid apportionment number can be remedied after the fact.” Defs.’ Mem. 48. Finally, any such hardship to Defendants can be mitigated, if not eliminated, by crafting the injunction — as we do below — to bar only the inclusion in the Secretary’s Section 141 report of data concerning the number of illegal aliens in each State and to allow the Census Bureau to continue its research efforts.

Thus, a permanent injunction is warranted. In an exercise of our discretion, however, we grant injunctive relief against all Defendants other than the President. The parties vigorously dispute whether and under what circumstances a federal court can grant injunctive relief against the President. *Compare* Defs.’ Mem. 44-45, *and* Defs.’ Reply 14-15, *with* Pls.’ Reply 27 & n.13. At a minimum, however, it is plain that the “grant of injunctive relief against the President himself is extraordinary, and should . . . raise[] judicial eyebrows.” *Franklin*, 505 U.S. at 802. Thus, “[a]s a matter of comity,” if nothing else, “courts should normally direct legal process to a lower Executive official even though the effect of the process is to restrain or compel the President.” *Nixon v. Sirica*, 487 F.2d 700, 709 (D.C. Cir. 1973) (en banc) (per curiam). That is particularly true where the court can grant complete relief without enjoining the President, as is the case here. *See, e.g., Franklin*, 505 U.S. at 802 (“[W]e need not decide whether injunctive relief against the President [i]s appropriate, because we conclude that the injury alleged is likely to be redressed by declaratory relief against the Secretary alone.”); *accord Evans*, 536 U.S. at 463-64. In fact, if anything, the need to enjoin the President himself is even weaker here than it was in *Franklin* and *Evans*, which were litigated *after* the President had transmitted his apportionment statement to Congress. For the plaintiffs in those cases to obtain meaningful relief, therefore, the President himself would have needed to calculate a new apportionment figure and to then submit a new report to Congress. Here, by contrast, enjoining Defendants

other than the President (and granting a declaratory judgment, as discussed below) would provide Plaintiffs with complete relief, as the President cannot exclude illegal aliens from his apportionment calculations in his statement to Congress unless the Secretary gives him the relevant information in the Section 141 report.

Accordingly, the Court enjoins all Defendants other than the President from including in the Secretary's report to the President pursuant to Section 141(b) any "information permitting the President . . . to exercise the President's discretion to carry out the policy set forth in section 2" of the Presidential Memorandum — that is, any information concerning the number of aliens in each State "who are not in a lawful immigration status under the Immigration and Nationality Act." Presidential Memorandum, 85 Fed. Reg. at 44,680. Instead, consistent with the Census Act, the Secretary's Section 141(b) report shall include only "[t]he tabulation of total population by States under" Section 141(a) "as required for the apportionment of Representatives in Congress among the several States," 13 U.S.C. § 141(b) — that is, "information tabulated according to the methodology set forth in [the Residence Rule]," Presidential Memorandum, 85 Fed. Reg. at 44,680.²⁰ To be clear, as an exercise of its discretion, the Court does *not* enjoin Defendants from continuing to study whether and how it would be feasible to calculate the number of illegal aliens in each State. That ensures that in the event that a higher court disagrees

²⁰ Separately, there is an active debate over the propriety of "nationwide" or "universal" injunctions. *See, e.g., Dep't of Homeland Sec. v. New York*, 140 S. Ct. 599, 600-01 (2020) (Gorsuch, J., concurring); *Trump v. Hawaii*, 138 S. Ct. 2392, 2425-29 (2018) (Thomas, J., concurring); *see also* Memorandum from the Attorney General to Heads of Civil Litigating Components & United States Attorneys, U.S. Dep't of Justice, *Litigation Guidelines for Cases Presenting the Possibility of Nationwide Injunctions* (Sept. 13, 2018), <https://www.justice.gov/opa/press-release/file/1093881/download>. That debate has no relevance to this case, for many of the same reasons that it had no relevance in the citizenship question litigation. *See New York v. Dep't of Commerce*, 351 F. Supp. 3d at 677-78. Not surprisingly, therefore, Defendants do not even raise the issue.

with our ruling (prior to the Section 141(b) deadline), the Secretary will be able to comply with the Presidential Memorandum in a timely fashion.

B. Declaratory Relief

In addition, we grant Plaintiffs' request for declaratory relief. The Declaratory Judgment Act vests federal courts with discretion to "declare the rights and other legal relations of any interested party seeking such declaration, whether or not further relief is or could be sought." 28 U.S.C. § 2201(a); *see Wilton v. Seven Falls Co.*, 515 U.S. 277, 282 (1995). In exercising that discretion, courts must consider (1) whether the judgment will serve a useful purpose in clarifying or settling the legal issues involved; (2) whether a judgment would finalize the controversy and offer relief from uncertainty; (3) whether the proposed remedy is being used merely for procedural fencing or a race to *res judicata*; (4) whether the use of a declaratory judgment would increase friction between sovereign legal systems or improperly encroach on the domain of a state or foreign court; and (5) whether there is a better or more effective remedy. *Dow Jones & Co. v. Harrods Ltd.*, 346 F.3d 357, 359-60 (2d Cir. 2003). "The existence of another adequate remedy does not preclude a declaratory judgment that is otherwise appropriate," Fed. R. Civ. P. 57, and we may grant declaratory relief "whether or not further relief is or could be sought," 28 U.S.C. § 2201(a); *see also Powell v. McCormack*, 395 U.S. 486, 518 (1969) ("[A] request for declaratory relief may be considered independently of whether other forms of relief are appropriate.").

In our view, a declaration that the Presidential Memorandum is unlawful "would serve a useful purpose here, settle the legal issues involved, finalize the controversy, and offer [Plaintiffs] relief from uncertainty." *Niagara Mohawk Power Corp. v. Hudson River-Black River Regulating Dist.*, 673 F.3d 84, 105 (2d Cir. 2012). Indeed, an unambiguous declaration

that the Presidential Memorandum is unlawful because the President does not have the authority to exclude illegal aliens from the apportionment base would serve the further useful purpose of “reasurr[ing] people they will be counted for the purpose of determining . . . congressional seats and electoral votes,” Espinosa Supp. Decl. ¶ 8, thereby directly addressing the chilling effect on census participation that the Memorandum has caused. *Cf. Foretich v. United States*, 351 F.3d 1198, 1215 (D.C. Cir. 2003) (“[A] declaration will remove the imprimatur of government authority from [the illegal a]ct . . .”). Such a declaration is particularly useful given that, for the reasons we discussed above, we decline to enjoin Defendants from taking steps to research whether or how the Presidential Memorandum could be implemented. That is, an unambiguous judicial declaration that the Presidential Memorandum is unlawful would help ensure that the chilling effects on participation in the census are mitigated to the maximum extent possible.

CONCLUSION

There is no dispute that the President has “accustomed supervisory powers over his executive officers,” *Franklin*, 505 U.S. at 800, and thus retains some discretion in the conduct of the decennial census and resulting apportionment calculation. Nevertheless, where the authority of the President (or other members of the Executive Branch) to act is derived from statutes passed by Congress, the President must act in accordance with, and within the boundaries of, the authority that Congress has granted. For the reasons discussed above, we conclude that the President did not do so here and that the Presidential Memorandum is an *ultra vires* violation of Congress’s delegation of its constitutional responsibility to count the whole number of persons in each State and to apportion members of the House of Representatives among the States according to their respective numbers under 2 U.S.C. § 2a and 13 U.S.C. § 141. Accordingly, Plaintiffs’ motion for summary judgment with respect to their statutory *ultra vires* claims is

GRANTED, Defendants (other than the President) are ENJOINED as set forth above, and the Presidential Memorandum is DECLARED unlawful. We need not and do not reach the merits of Plaintiffs' other claims and need not address their request, in the alternative, for a preliminary injunction. Finally, Defendants' motion to dismiss for lack of jurisdiction is DENIED and their motion to dismiss for failure to state a claim is DENIED as moot.²¹

The Clerk of Court is directed to terminate ECF Nos. 74 and 117 and to close this case.

SO ORDERED.

Dated: September 10, 2020
New York, New York

_____/s/_____
RICHARD C. WESLEY
United States Circuit Judge

_____/s/_____
PETER W. HALL
United States Circuit Judge

_____/s/_____
JESSE M. FURMAN
United States District Judge

²¹ We believe that this matter was properly heard by a three-judge panel for the reasons set forth in Judge Furman's request to then-Chief Judge Katzmman for the appointment of such a panel. *See* ECF No. 68. Nevertheless, mindful that the issue is not clear-cut and that the Second Circuit has determined that it is jurisdictional, *see Kalson v. Paterson*, 542 F.3d 281, 286-87 (2d Cir. 2008), we follow the lead of prior three-judge panels by certifying that Judge Furman, to whom these cases were originally assigned, individually arrived at the same conclusions that we have reached collectively. *See Swift & Co. v. Wickham*, 382 U.S. 111, 114 n.4 (1965) (noting with approval that "[t]his procedure for minimizing prejudice to litigants when the jurisdiction of a three-judge court is unclear has been used before" (citing *Query v. United States*, 316 U.S. 486 (1942))); *FAIR v. Klutznick*, 486 F. Supp. at 578 (three-judge court) ("District Judge Gasch additionally certifies that he individually arrived at the same conclusion that we collectively reached . . . out of abundant caution, so that in the event we are mistaken, an appeal can still be expeditiously taken in the appropriate forum." (internal quotation marks and citation omitted)); *cf. Massachusetts v. Mosbacher*, 785 F. Supp. 230, 238 n.6 (D. Mass.) (three-judge court) ("Because the author of this opinion is the single district judge to whom this case was initially assigned, this opinion stands as certification that the author has individually arrived at the conclusions expressed collectively in the opinion and the judgment of this three-judge court."), *rev'd on other grounds sub nom. Franklin v. Massachusetts*, 505 U.S. 788 (1992).

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

DECLARATION AND PERMANENT INJUNCTION

The July 21, 2020 Memorandum on Excluding Illegal Aliens from the Apportionment Base Following the 2020 Census (the “Presidential Memorandum”), announcing that it is the policy of the United States to exclude from the apportionment base aliens who are not in a lawful immigration status, is DECLARED unlawful as an *ultra vires* violation of Congress’s delegation of authority to conduct the decennial census and apportionment calculation pursuant to 2 U.S.C. § 2a and 13 U.S.C. § 141.

The Secretary of Commerce in his official capacity, the Director of the Census Bureau in his official capacity, the U.S. Department of Commerce, and the U.S. Census Bureau, and any successors to those offices, together with their agents, servants, employees, attorneys, and other persons who are in active concert or participation with the foregoing, *see* Fed. R. Civ. P. 65(d)(2), are PERMANENTLY ENJOINED from including in the Secretary’s report to the President pursuant to Section 141(b) any information permitting the President to exercise the President’s discretion to carry out the policy set forth in section 2 of the Presidential Memorandum — that is, any information concerning the number of aliens in each State who are not in a lawful immigration status under the Immigration and Nationality Act.

SO ORDERED.

Dated: September 10, 2020
New York, New York

_____/s/_____
RICHARD C. WESLEY
United States Circuit Judge

_____/s/_____
PETER W. HALL
United States Circuit Judge

_____/s/_____
JESSE M. FURMAN
United States District Judge

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Subject: Fw: Documents DOC already has
Attachments: 2020 Final Collection - page 12c Apportionment Replan - 8.5.20.pdf; Copy of IMS COVID-19 Replan Path from Data Collection to Apportionment.xlsx; List of Post Data Collection Activities.docx; Operational and Processing Options to meet September 30 Final v2-1.pdf; Operational Options to meet September 30 with NRFU OD team notes.docx; Options to meet September 30 9.30 Replan_Background Info.docx; Options to meet September 30_v11.docx; Reduced NRFU Timeframe - Planning Document v0.1 final.docx; 2010 Census Review Summary - compiled 07222020-1.docx

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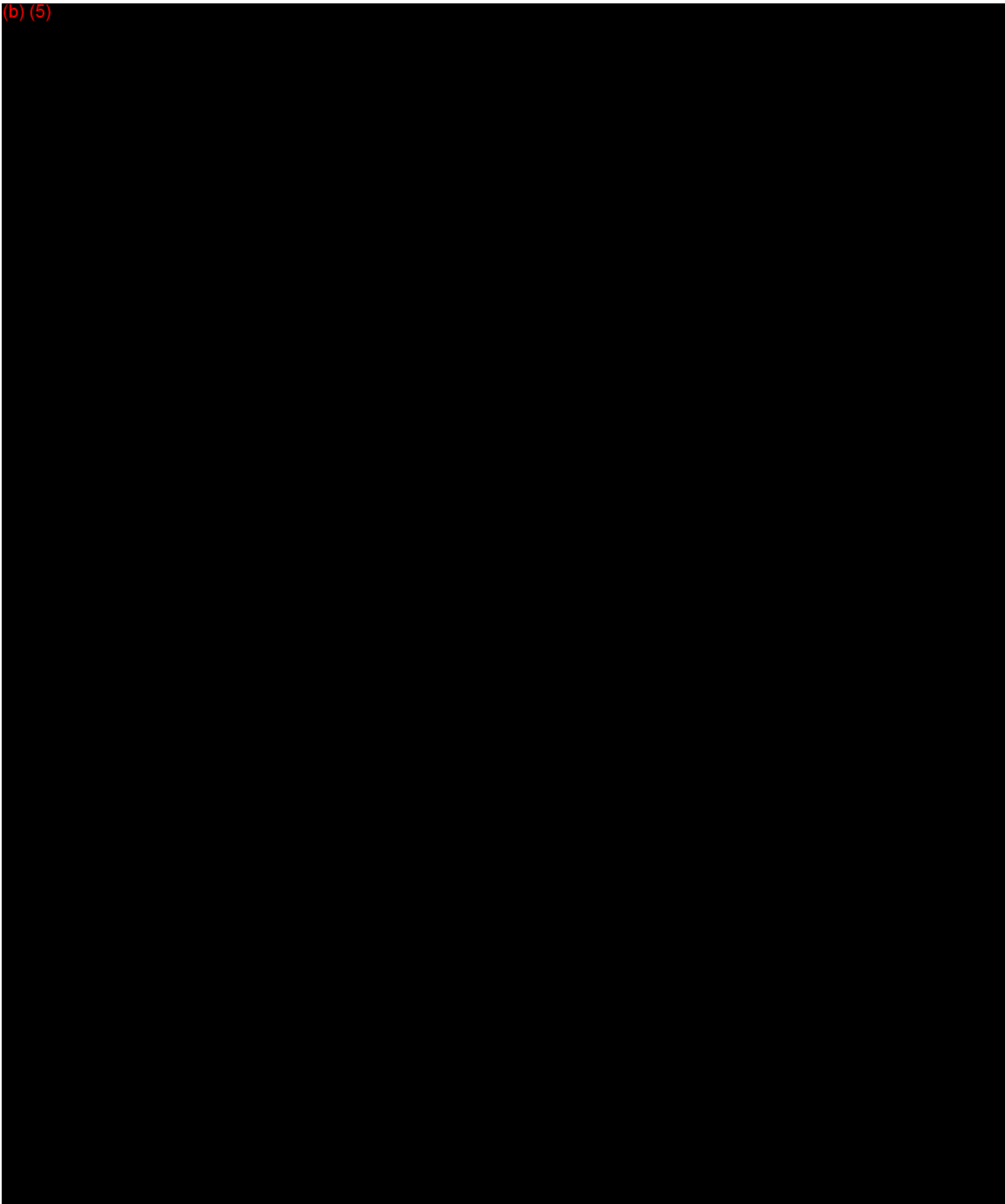
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Cc: James L Dinwiddie (CENSUS/ADDC FED) <James.L.Dinwiddie@census.gov>; Colleen Holzbach (CENSUS/PCO FED) <Colleen.Holzbach@census.gov>; Christa D Jones (CENSUS/DEPDIR FED) <Christa.D.Jones@census.gov>
Subject: (b) (5)

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Kathleen M. Styles
Chief, Decennial Communications and Stakeholder Relationships
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BC-DOC-CEN-2020-001602-003476

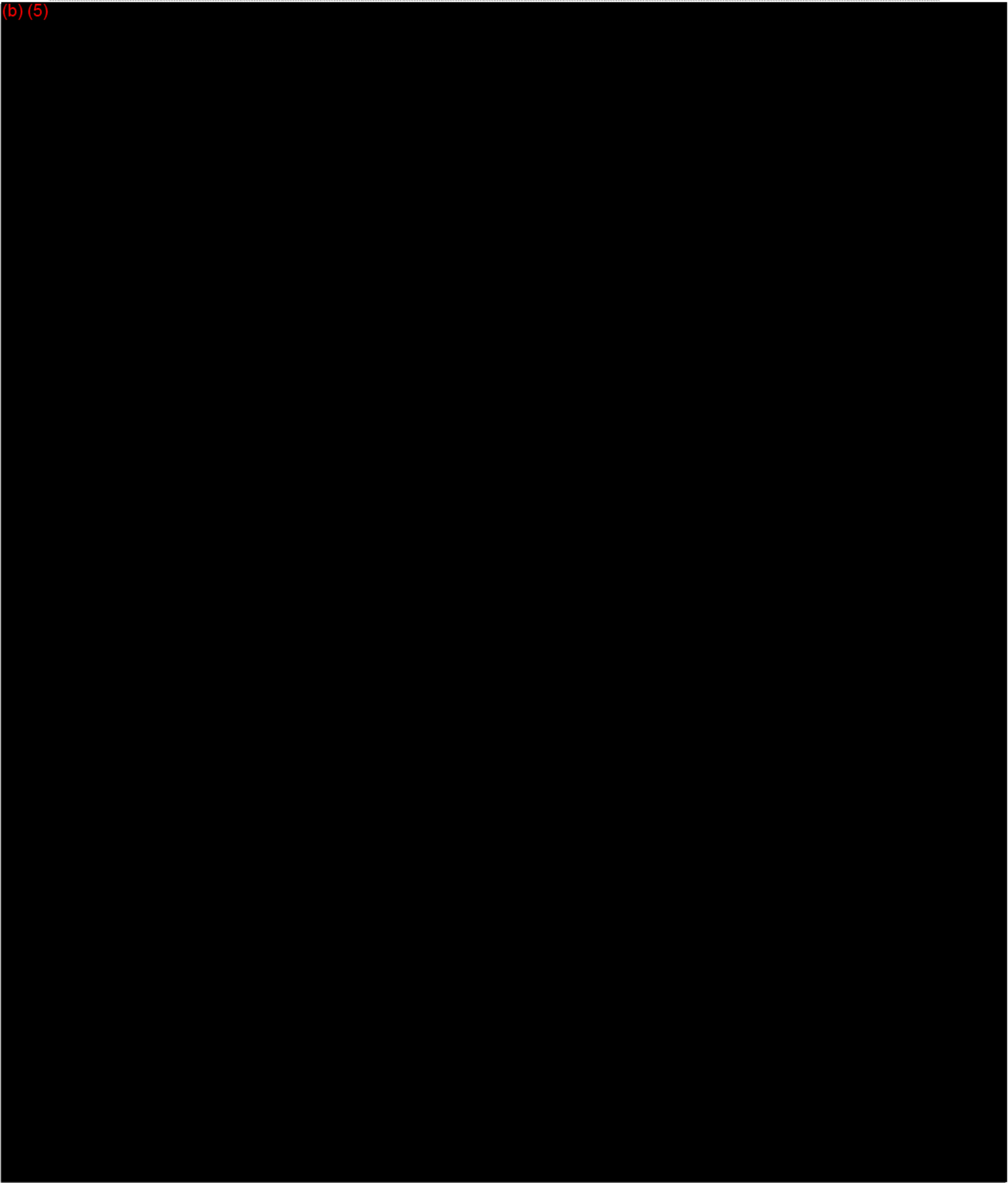
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From: Kathleen M Styles (CENSUS/ADDC FED) [kathleen.m.styles@census.gov]
Sent: 9/11/2020 1:23:10 PM
To: John Maron Abowd (CENSUS/ADRM FED) [john.maron.abowd@census.gov]
Subject: Fw: Activity in Case 8:19-cv-02710-PX-PAH-ELH La Union Del Pueblo Entero et al v. Trump et al Notice (Other)
Attachments: (b) (5)
[REDACTED]
[REDACTED]
[REDACTED]

Kathleen M. Styles
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From: Enrique Lamas (CENSUS/DEPDIR FED) <Enrique.Lamas@census.gov>
Sent: Sunday, September 6, 2020 5:01 PM
To: Kathleen M Styles (CENSUS/ADDC FED) <kathleen.m.styles@census.gov>
Cc: Albert E Fontenot (CENSUS/ADDC FED) <Albert.E.Fontenot@census.gov>; Christa D Jones (CENSUS/DEPDIR FED) <Christa.D.Jones@census.gov>; John Maron Abowd (CENSUS/ADRM FED) <john.maron.abowd@census.gov>
Subject: (b) (5)
[REDACTED]

(b) (5)
[REDACTED]
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Enrique Lamas
Senior Advisor
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On Sep 6, 2020, at 4:00 PM, Kathleen M Styles (CENSUS/ADDC FED) <kathleen.m.styles@census.gov> wrote:

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[REDACTED]

Kathleen M. Styles

Chief, Decennial Communications and Stakeholder Relationships

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From: Ehrlich, Stephen (CIV) <Stephen.Ehrlich@usdoj.gov>

Sent: Saturday, September 5, 2020 3:30 AM

To: Albert E Fontenot (CENSUS/ADDC FED) <Albert.E.Fontenot@census.gov>; Kathleen M Styles (CENSUS/ADDC FED) <kathleen.m.styles@census.gov>; Christa D Jones (CENSUS/DEPDIR FED) <Christa.D.Jones@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED) <Enrique.Lamas@census.gov>; John Maron Abowd (CENSUS/ADRM FED) <john.maron.abowd@census.gov>; Cannon, Michael <MCannon@doc.gov>; DiGiacomo, Brian <bDiGiacco@doc.gov>; Heller, Megan <MHeller@doc.gov>; Kourkouvelis, Aristidis <AKourkouvelis@doc.gov>; Sharma, Sapna <SSharma@doc.gov>

Cc: Kelleher, Diane (CIV) <Diane.Kelleher@usdoj.gov>; Sverdlov, Alexander V. <Alexander.V.Sverdlov@usdoj.gov>; Zee, M. Andrew (CIV) <M.Andrew.Zee@usdoj.gov>

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Stephen Ehrlich

Trial Attorney

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From: MDD_CM-ECF_Filing@mdd.uscourts.gov <MDD_CM-ECF_Filing@mdd.uscourts.gov>

Sent: Friday, September 04, 2020 11:39 PM

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Subject: (b) (5)

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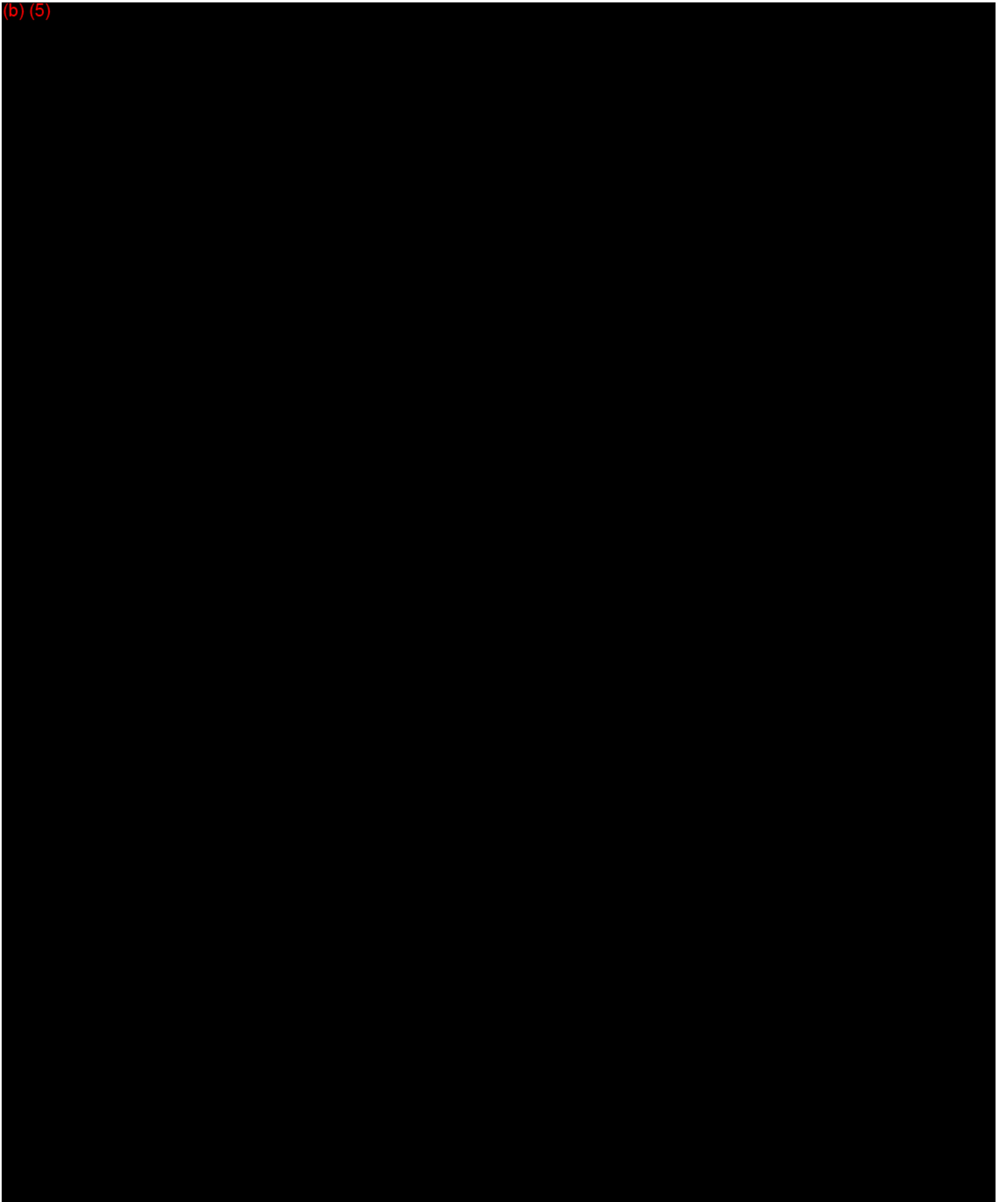


EXHIBIT F

**UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF MARYLAND**

LA UNIÓN DEL PUEBLO ENTERO, et al.,

Plaintiffs,

v.

DONALD J. TRUMP, sued in his official
capacity as President of the United States, et
al.,

Defendants.

Civil Action No. 8:19-CV-02710-PX

DECLARATION OF DR. ANDREW REAMER

I. Introduction

1. I have been retained by the Plaintiffs in *La Union del Pueblo Entero, et al. v. Trump, et al.*, (regarding Civil Action No. 8:19-CV-02710-PX in the District Court of Maryland) to prepare a report on the portion of federal funds that are distributed based on data derived from the decennial Census and the effect of a differential undercount in the decennial Census on the distribution of federal funding to states and localities.

II. Qualifications

2. I am a research professor in the George Washington Institute of Public Policy (GWIPP) at the George Washington University in Washington, D.C. GWIPP research faculty focus on various aspects of the public policies of the federal, state, and local governments. GWIPP research is funded through grants and contracts from the federal government, philanthropies, and nonprofit research organizations.

3. My research aims to support U.S. national economic development and competitiveness. A substantial component of my work concerns the roles and functioning of the federal statistical system.

4. I am a member of two federal statistical advisory committees—the U.S. Bureau of Economic Analysis (BEA) Advisory Committee and the Workforce Information Advisory Council. I provide staff support to the Committee on Economic Statistics of the American Economic Association. I also am a member of the Statistics Committee of the National Association for Business Economics (NABE). The NABE Statistics Committee meets three times yearly with the directors of the U.S. Census Bureau, the U.S. Bureau of Labor Statistics, and BEA.

5. I am a board member of the Industry Studies Association and am organizing a webinar series on federal industrial policy. I am an active member and former president and former board member of the Association of Public Data Users.

6. I began my research at GWIPP in 2011, after six years at the Brookings Institution's Metropolitan Policy Program and 20 years as a consultant in U.S. regional economic development and public policy.

7. At GWIPP and Brookings, I have been responsible for encouraging a strong, well-functioning federal statistical system that met the data needs of public and private stakeholders. To that end, I have been instrumental in ensuring the continued existence of three Census Bureau programs – the American Community Survey (ACS) in 2005, 2012, and 2015; the Survey of Business Owners (SBO) in 2007; and the Longitudinal Employer-Household Dynamics (LEHD) Program in 2008.

8. As an economic development consultant, I prepared strategic analyses and plans that relied heavily on federal demographic and economic statistics. For the U.S. Economic Development Administration, I co-authored “Socioeconomic data for understanding your regional economy: a user's guide” (1998).

9. I received a Ph.D. in Economic Development and Public Policy and a Master of City Planning from the Massachusetts Institute of Technology and a Bachelor of Science in Economics from the Wharton School, University of Pennsylvania.

10. I recently conducted the research project “*Counting for Dollars 2020: The Role of the Decennial Census in the Geographic Distribution of Federal Funds.*” Project reports published include:¹

- Report #1: Initial Analysis: 16 Large Census-guided Financial Assistance Programs (August 2017)
- Report #2: Estimating Fiscal Costs of a Census Undercount to States (March 2018)
- Report #3: Federal Funding for Rural America: The Role of the Decennial Census (December 2018)
- Report #4: Census-derived Datasets Used to Distribute Federal Funds (December 2018)
- Report #5: Distribution of Funding from 55 Large Census-guided Programs by State (May 2019)
- Report #6: The Distribution of Census-Guided Federal Funds to U.S. Communities: Five Program Examples (July 2019)

¹ All reports are available at <https://gwipp.gwu.edu/counting-dollars-2020-role-decennial-census-geographic-distribution-federal-funds>.

- Report #7: Comprehensive Accounting of Census-Guided Federal Spending (FY2017)

- Part A: Nationwide Analysis (November 2019)
- Part B: State Estimates (February 2020)

11. At the Brookings Institution, I conceived of and carried out a Counting for Dollars 2010 study that identified census-guided federal financial assistance programs and calculated FY2008 funding flows by program to states, metro areas, and counties, although with a substantially smaller level of effort than my current project.² A full resume and list of publications is attached as an exhibit to this report. I am being paid at a rate of \$300 per hour.

III. Summary of Opinions

12. Those states, counties, and communities with an undercount of formula-relevant populations greater than that for the U.S. as a whole will lose a share of funding. Those states, counties, and communities with an undercount of formula-relevant populations less than that for the U.S. as a whole will gain a share of funding.

13. Based on my experience and knowledge, when a state, county, or community loses population share due to a differential undercount, it receives less federal funding and its residents experience less access to valued programs and services than they otherwise would have received and/or the community and residents face higher taxes.

IV. Background: Federal Spending Programs Guided by Data Derived from the Decennial Census

² Andrew Reamer and Rachel Carpenter, “Counting for Dollars: The Role of the Decennial Census in the Distribution of Federal Funds,” The Brookings Institution, March 9, 2010. Available at <https://www.brookings.edu/research/counting-for-dollars-the-role-of-the-decennial-census-in-the-distribution-of-federal-funds/>.

14. A significant portion of federal spending is directed on the basis of statistics derived from the decennial census. I have identified 316 census-guided federal spending programs that geographically distributed over \$1.5 trillion in FY2017.

15. The two primary uses of census-derived data to determine the geographic distribution of federal spending are (1) setting numerical eligibility criteria and (2) numerical formulas for the geographic allocation of funds. Geographic allocation formulas based on population shares are particularly sensitive to inaccuracies in decennial data.

A. Domestic Financial Assistance

16. The federal government relies on data derived from the decennial census to geographically allocate spending through three types of programs – domestic financial assistance, tax credits, and procurement. Each of these types is reviewed below.

17. As of October 2019, U.S. federal departments and agencies offered 2,293 total domestic financial assistance programs.³ “Domestic assistance programs” provide either financial assistance (such as direct payments to individuals, grants, loans, and loan guarantees) and non-financial assistance (such as counseling) to non-federal entities within the U.S.—such as individuals, state and local governments, companies and nonprofits—to fulfill a public purpose. Federal domestic assistance is provided in every realm of domestic policy. Examples include health care, education, economic development, transportation, social services, science, technology, criminal justice, and emergency management. Domestic assistance programs do not include foreign aid.

³ “Catalog Of Federal Domestic Assistance– CFDA,” Investopedia, available at <https://www.investopedia.com/terms/c/catalog-of-federal-domestic-assistance-cfda.asp>.

18. The *Catalog of Federal Domestic Assistance* (CFDA) is the federal government's compendium of all domestic assistance programs. The CFDA categorizes each program by type (across 15 categories) and gives it a five-digit CFDA number (such as 10.500) – the first two digits identify the sponsoring department or independent agency and the last three digits designate the individual program.⁴

19. Of the 15 categories of domestic assistance, six provide direct financial assistance (see box below). Two are in the form of grants, two are in the form of direct payments, one covers direct loans, and one covers guaranteed/insured loans.

Categories of Direct Federal Domestic Financial Assistance⁵

A. Formula Grants - Allocations of money to States or their subdivisions in accordance with distribution formulas prescribed by law or administrative regulation, for activities of a continuing nature not confined to a specific project.

B. Project Grants - The funding, for fixed or known periods, of specific projects. Project grants can include fellowships, scholarships, research grants, training grants, traineeships, experimental and demonstration grants, evaluation grants, planning grants, technical assistance grants, survey grants, and construction grants.

C. Direct Payments for Specified Use - Financial assistance from the Federal government provided directly to individuals, private firms, and other private institutions to encourage or subsidize a particular activity by conditioning the receipt of the assistance on a particular performance by the recipient. This does not include solicited contracts for the procurement of goods and services for the Federal government.

D. Direct Payments with Unrestricted Use - Financial assistance from the Federal government provided directly to beneficiaries who satisfy Federal eligibility requirements

⁴ The CFDA states:

"Assistance" or "benefits" refers to the transfer of money, property, services, or anything of value, the principal purpose of which is to accomplish a public purpose of support or stimulation authorized by Federal statute. Assistance includes, but is not limited to grants, loans, loan guarantees, scholarships, mortgage loans, insurance, and other types of financial assistance, including cooperative agreements; property, technical assistance, counseling, statistical, and other expert information; and service activities of regulatory agencies. It does not include the provision of conventional public information services. (U.S. General Services Administration, *2019 Catalog of Federal Domestic Assistance*, October 2019, p. 1)

Until recently, the CFDA was available at www.cfda.gov. The information has been transferred to a new searchable website, <https://beta.sam.gov/>.

⁵ *Ibid.*, pp. 1-2. The CFDA identifies each assistance category with a capital letter (A through O).

with no restrictions being imposed on the recipient as to how the money is spent. Included are payments under retirement, pension, and compensatory programs.

E. Direct Loans - Financial assistance provided through the lending of Federal monies for a specific period of time, with a reasonable expectation of repayment. Such loans may or may not require the payment of interest.

F. Guaranteed/Insured Loans - Programs in which the Federal government makes an arrangement to indemnify a lender against part or all of any defaults by those responsible for repayment of loans.^{6,7}

20. In Fiscal Year (FY) 2019, the federal government provided \$3,938,931,000,000 in direct domestic financial assistance programs across the above six categories, an amount equal to 18.6 percent of Gross Domestic Product (GDP) over the same period.

- Of that total, \$2,561,537,000,000 were **direct payments** to individuals and \$721,140,000,000 were **grants**, primarily to state and local governments.⁸
- In addition, in FY2019 the federal government made commitments for **guaranteed loans** totaling \$482,685,000,000 and **direct loan** obligations of \$173,569,000,000.⁹

Federal Domestic Assistance by Category, FY2019	
Direct Payments to Individuals	\$2,561,537,000,000
Grants	\$721,140,000,000
Guaranteed Loans	\$482,685,000,000

⁶ Recipients of federal direct and guaranteed/insured loans include, for example, students, homeowners, small businesses, and farmers.

⁷ Insurance is an additional category of financial assistance, although one that does not result in an immediate financial transfer. This category includes such programs as bank deposit insurance, pension guarantees, disaster insurance (flood, crop), and terrorism and other security-related risks. The CFDA defines the Insurance category as “Financial assistance provided to assure reimbursement for losses sustained under specified conditions. Coverage may be provided directly by the Federal government or through private carriers and may or may not involve the payment of premiums.” I have not found a census-guided federal insurance program and so that category is not part of this analysis.

⁸ Figures from Historical Table 6.1 - Composition of Outlays: 1940–2025 of “Budget of the United States Government, Fiscal Year 2021,” February 2020, available at https://www.whitehouse.gov/wp-content/uploads/2020/02/hist06z1_fy21.xlsx.

⁹ Office of Management and Budget, “Analytical Perspectives, Budget of the United States Government, Fiscal Year 2019,” Supplemental Materials, February 2018, Table 19.8: Direct Loan Transactions of the Federal Government and Table 19.9: Guaranteed Loan Transactions of the Federal Government, available at <https://www.whitehouse.gov/omb/analytical-perspectives/>.

Direct Loan Obligations	\$173,569,000,000
Total	\$3,938,931,000,000

B. Tax Credits

21. Distinct from the distribution of federal funds through financial assistance programs, tax credits reduce federal revenues. In legal terms, tax credits are known as “tax expenditures.”

22. Tax expenditures are defined under the Congressional Budget and Impoundment Control Act of 1974 (the “Budget Act”) as “revenue losses attributable to provisions of the Federal tax laws which allow a special exclusion, exemption, or deduction from gross income or which provide a special credit, a preferential rate of tax, or a deferral of tax liability.” Thus, tax expenditures include any reductions in income tax liabilities that result from special tax provisions or regulations that provide tax benefits to particular taxpayers.

23. Special income tax provisions are referred to as tax expenditures because they may be analogous to direct outlay programs and may be considered alternative means of accomplishing similar budget policy objectives. Tax expenditures are similar to direct spending programs that function as entitlements to those who meet the established statutory criteria.¹⁰

24. The federal budget for FY2021 lists 165 provisions for federal income tax expenditures, covering returns from both individuals and corporations. Estimated expenditures by provision are provided, but not a total across all 165.¹¹

C. Federal Procurement

¹⁰ Joint Committee on Taxation, “Estimates of Federal Tax Expenditures for Fiscal Years 2017-2021,” JCX-34-18, May 25, 2018, p. 2.

¹¹ Office of Management and Budget, “Chapter 13, Tax Expenditures, Analytical Perspectives volume of the Budget of the United States Government, Fiscal Year 2021” February 2020, available at https://www.whitehouse.gov/wp-content/uploads/2020/02/ap_13_expenditures_fy21.pdf.

25. In FY2019, the federal government spent \$586.2 billion on the procurement of goods and services. Of this amount, \$381.2 billion was for the Department of Defense and \$205.1 billion for civilian agencies. Top-spending civilian agencies were the Department of Energy (\$33.3 billion), Department of Veterans Affairs (\$27.3 billion), Department of Health and Human Services (\$26.5 billion), and NASA (\$18.2 billion).¹²

The Role of Census-derived Datasets in Guiding the Distribution of Federal Spending

26. Article 1, Section 2 of the Constitution mandates a Decennial Census for the purposes of apportioning seats in the House of Representatives. In January 1790, Congress passed the Census Act of 1790 with an amendment proposed by Representative James Madison to add questions on population characteristics beyond those needed for apportionment (that is, race, gender, and age) so that Congress might “adapt the public measures to the particular circumstances of the community.” Ever since, the Decennial Census has carried questions beyond those required for apportionment.¹³

27. For 230 years, Congress has used data derived from the Decennial Census to guide the design and implementation of public policies and programs. Over time, moreover, the size and complexity of the Decennial Census has regularly catalyzed significant advances in the statistical and survey sciences.

28. As directed or authorized by Congress, a substantial portion of federal spending is geographically allocated to state and local governments, households, businesses, and nonprofit

¹² “A Snapshot of Government-wide Contracting for FY 2019,” WatchBlog, U.S. Government Accountability Office, May 26, 2020, available at <https://blog.gao.gov/2020/05/26/a-snapshot-of-government-wide-contracting-for-fy-2019-infographic/>.

¹³ Up through 1930, every household was required to answer each Decennial Census question. Sampling began in 1940. In 1960, most census questions were placed on the “long form” that went to a sample of households. In 2005, the “long form” questions were shifted to the new American Community Survey, which had been in development for about a decade.

organizations based on statistics derived from the Decennial Census. Congress recognizes that the appropriate and equitable distribution of certain forms of spending should be guided by socioeconomic data at various levels of geography.

29. As the Decennial Census is carried out once a decade and collects data on a small number of demographic characteristics (such as household size and relationships, housing tenure, sex, age, race, ethnicity), Congress also recognizes that the decennial numbers, on their own, are not appropriate to guide the appropriate, equitable distribution of federal spending. As a result, Congress has authorized a series of more current and broadly descriptive datasets derived from the Decennial Census (made possible by the scientific advances noted above).

30. I refer to these as “census-derived datasets.” **I have identified 316 federal spending programs that rely on census-derived data. These programs distributed \$1.504 trillion in FY2017**, a figure equal to 7.8 percent of GDP.¹⁴

31. With the development of these new datasets over the course of the last century and with the extraordinary expansion of federal financial assistance in the last six decades, Congress has specified or authorized these new datasets be used to guide the appropriate, fair geographic distribution of federal funds.

32. The following box outlines the distribution of spending for 316 census-guided programs by program type, geographic level, data use, program size, and other characteristics.

Characteristics of 316 Federal Census-Guided Spending Programs, FY2017
<i>Program Type</i>

¹⁴ Andrew Reamer, “Brief 7: Comprehensive Accounting of Census-Guided Federal Spending (FY2017), Part A: Nationwide Analysis,” Counting for Dollars 2020: The Role of the Decennial Census in the Geographic Distribution of Federal Funds, George Washington Institute of Public Policy, George Washington University, November 2019.

- **Financial assistance programs** that provide direct payments, grants, loans, and loan guarantees to state and local governments, nonprofits, businesses, and households (305 programs, \$1,465.2 billion)¹⁵
- **Matching payments** from states to the federal government required by financial assistance programs (3 programs, \$16.5 billion)
- **Tax credit programs** that allow a special exclusion, exemption, or deduction from gross income (7 programs, \$14.9 billion)
- **Procurement programs** that award federal contract dollars to small businesses located in areas selected using census-derived data (1 program, \$7.5 billion)

Geographic Level of Data

- **Local only** – 176 programs rely only on local-level census-derived data (\$970.3 billion).
- **State only** – 101 programs rely only on state-level census-derived data (\$458.9 billion).
- **State and local** – 39 programs rely on both state and local-level census-derived data (\$75.0 billion).

Data Use

- **Allocation** – Almost all programs use census-derived data to determine the amount of spending or services provided to each eligible geographic area and household (297 programs, \$1,414.8 billion).
- **Eligibility** – Forty percent of the programs use census-derived data to determine the geographic areas and households eligible to receive the program's funding (128 programs, \$206.3 billion).
 - Most of these programs also use census-derived data to determine allocations (109 programs, \$116.9 billion).
 - Nineteen programs (\$89.4 billion) only use census-derived data for program eligibility purposes.

Allocation Variables

- **Total population** (90 programs, \$520.3 billion)
 - Per capita income – total income (from tax and other records) divided by total population (11 programs, \$410.8 billion)
 - Count of residents (79 programs, \$109.5 billion)
- **Population subsets** (226 programs, \$216.9 billion) – examples:
 - Persons in rural areas
 - Persons below 125% of federal poverty level
 - Persons age 60+ at or below 185 percent of federal poverty level
 - Persons in overcrowded housing
 - Persons unemployed
 - Children ages 5-17 below federal poverty level
 - Children under age 3
- **Categories of geographic areas** (87 programs, \$773.8 billion)
 - Examples of categories

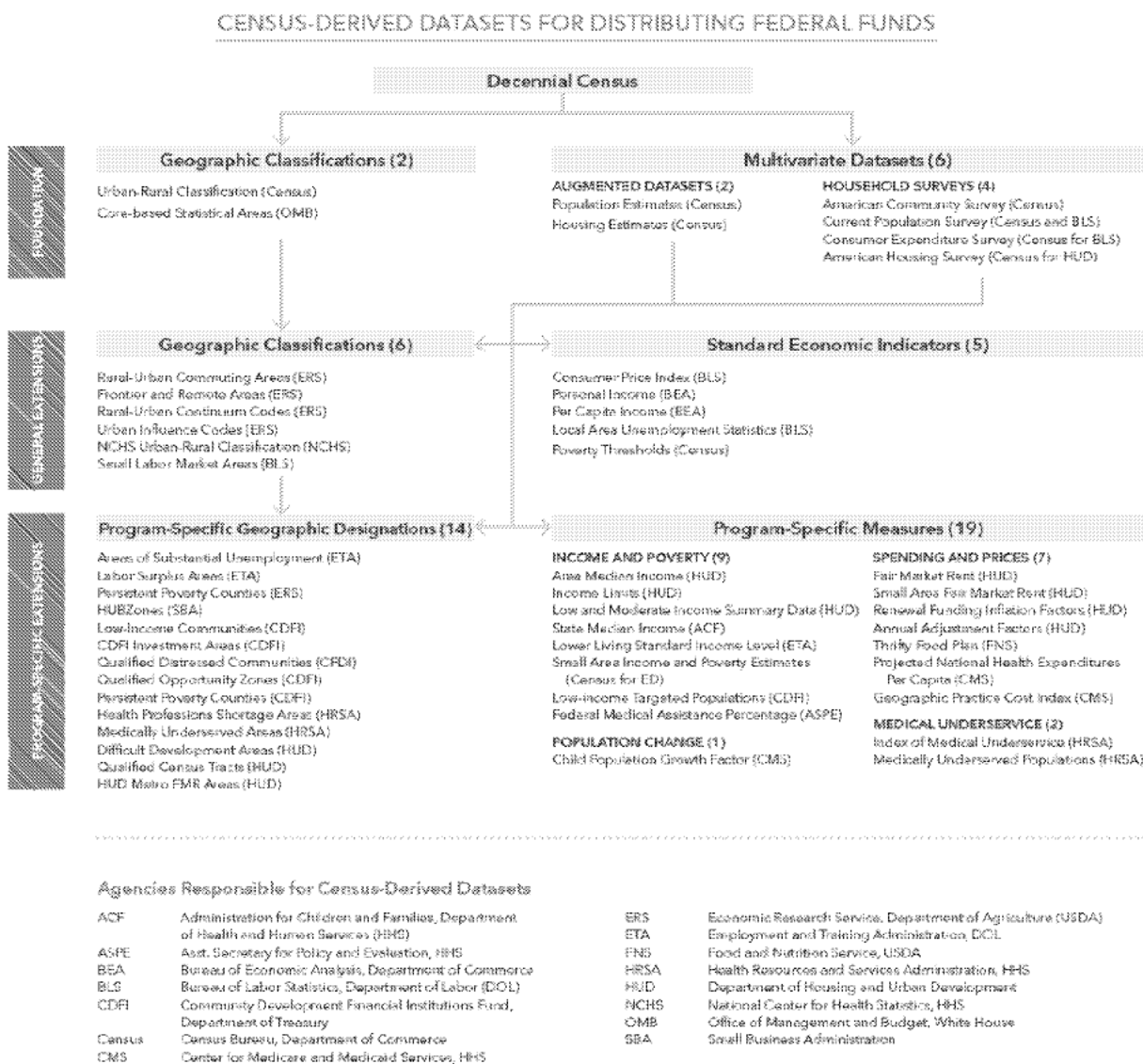
¹⁵ This figure equals 39.1 percent of all federal domestic assistance in FY2017 (\$3,745.0 billion). See footnote 8 for source.

- Large metro, metro, micro, rural, and isolated counties
- Urban, suburban, rural zip codes
- Persistent poverty counties
- Area median income as percent of state median income
- Examples of uses
 - Funds sub-allocated by category
 - Minimum percent allocation reserved for particular category
 - In competitive grant selections, points awarded vary by category
 - In competitive grant selections, preference given to one category
 - Provider service requirements vary by category

Eligibility Variables

- Geographic areas (92 programs, \$139.3 billion) – examples:
 - Population density (such as rural or urban designation)
 - Population size (above or below a specified level)
 - Unemployment rate (above a specified level)
 - Household income (percentage of population below a specified level)
- Households (52 programs, \$89.5 billion)
 - Area median income (household income below a specified percentage of AMI)

33. **I have identified 52 census-derived datasets used to geographically allocate federal spending.** (See schematic below.)



34. Eight datasets can be considered **foundational**. The remaining 44 datasets are **extensions** of these. Some extensions are **general**, in that they are used by multiple programs, and some are **program-specific**.

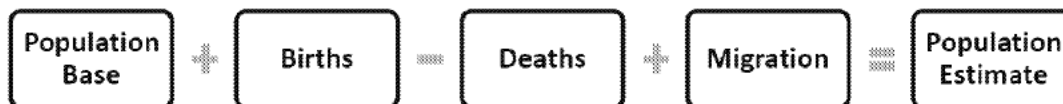
35. One foundational dataset is the Census Bureau's **Urban-Rural Classification** of every census tract based on Decennial Census population density. (The minimum density for an urban designation is 1,000 persons per square mile.) The Census Bureau publishes the Urban-Rural Classification once a decade (in the year ending in "2"). This classification is the primary

basis for other geographic classifications. It is the only census-derived dataset that relies solely on decennial numbers.¹⁶

36. The Office of Management and Budget (OMB) delineates county-based **Core-based Statistical Areas (CBSAs)** — metropolitan areas and micropolitan areas. CBSAs are delineated around urban “cores” designated by the Urban-Rural Classification.¹⁷

37. The other six foundational datasets are multivariate—that is, they provide census-derived data on multiple socioeconomic variables such as race, age, poverty, occupation, and housing costs.

38. Two of these are **augmented datasets**. The Census Bureau constructs annual **Population Estimates** and **Housing Estimates** by augmenting decennial population and housing numbers with more recent data, primarily from vital statistics and tax records. For example, the Census Bureau annually updates Population Estimates by taking the previous year’s numbers (starting with the decennial year) and adding births, subtracting deaths, and estimating net domestic and international migration.¹⁸



¹⁶ The Census Bureau identifies two types of urban areas—urbanized areas (UAs) that contain 50,000 or more people and urban clusters (UCs) with a population of at least 2,500 and less than 50,000. By definition, any census tract that is not in a UA or UC is “rural.” Detailed information on the Census Bureau’s Urban-Rural Classification, including methodology, is available at <https://www.census.gov/geo/reference/urban-rural.html>.

¹⁷ OMB delineations of metropolitan and micropolitan areas and the 2010 standards on which they are based can be found at <https://www.census.gov/programs-surveys/metro-micro.html>. In the CBSAs framework, metropolitan areas have a UA as the core and micropolitan areas have a UC as the core. Each CBSA contains one or more central counties (the ones containing the UA or UC) plus any outlying counties economically integrated with the central counties, as measured by commuting flows. “Non-core” means any county not in a CBSA.

¹⁸ Detailed information on the Census Bureau’s Population and Housing Unit Estimates, including methodology, is available at <https://www.census.gov/programs-surveys/popest.html>.

39. The Census Bureau uses a similar method to annually update Housing Estimates. Each of the variables in Population Estimates and Housing Estimates is on the decennial data collection form.

40. Population Estimates are frequently used directly to determine funds distribution, for instance, according to each state's share of the most recent U.S. population total. They also enable the creation of economic indicators that allow geographic areas to be compared regardless of size. A good example is state Per Capita Income (PCI), which is determined by dividing state Personal Income by state population (from Population Estimates).

41. The remaining four foundational datasets are produced through ongoing **household surveys** that collect information on demographic variables not on the decennial questionnaire (such as income, health insurance coverage, and housing costs). The Census Bureau relies on the Decennial Census to design and implement the **American Community Survey (ACS)**, the **Current Population Survey (CPS)**, the **Consumer Expenditure Survey (CEX)**, and the **American Housing Survey (AHS)**.¹⁹ It does so in five ways, as described in the table on the next page.

42. The two augmented datasets and the four household surveys are intertwined. In particular, the international in-migration component of Population Estimates comes from the ACS.²⁰ At the same time, Population Estimates are used as controls in the design and implementation of the household surveys.

¹⁹ The Census Bureau conducts the CEX on behalf of BLS.

²⁰ Census Bureau, "Methodology for the United States Population Estimates: Vintage 2017, Nation, States, Counties, and Puerto Rico – April 1, 2010 to July 1, 2017," p. 10, available at <https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2010-2017/2017-natstcpr-meth.pdf>.

43. The eight foundational census-derived datasets enable the creation of 44 extension datasets. These include:

- **Geographical classifications** (six general, 14 program-specific) – The classification of geographic units (such as census tracts and counties) on the basis of some combination of population density (e.g., urban/rural), population size, and commuting patterns (e.g., metropolitan and micropolitan statistical areas).
- **Standard economic indicators** (five general) – Widely-recognized measures of economic conditions (such as inflation, personal income, unemployment rate, and poverty rate) that can be used to guide a multitude of assistance programs.
- **Program-specific measures** (19) – Measures of specific economic conditions specifically created to administer a particular financial assistance program, for example, Section 8 housing vouchers and Title I grants to local education agencies.

The Roles of the Decennial Census in Household Survey Design and Analysis	
Sampling frame	The Census Bureau’s Master Address File (MAF), the underpinning of the Decennial Census operation, provides the frame from which a survey sample is drawn. ²¹
Sample design	The Decennial Census guides sample design in two ways. One is by delineating the primary sampling units from which samples are to be drawn and the sampling rates by which they are drawn. The second is to guide sample stratification, that is, the size of subsamples by characteristics such as race and household composition. ²²

²¹ See, for example, Census Bureau, “Chapter 3. Frame Development” in “American Community Survey: Design and Methodology,” January 2014.

²² See, for example, Danielle Neiman, Susan King, David Swanson, Stephen Ash, Jacob Enriquez, and Joshua Rosenbaum, “Review of the 2010 Sample Redesign of the Consumer Expenditure Survey,” presented at the Joint Statistical Meetings, October 2015.

Imputation	Nonresponses to individual questions are filled in by imputing, or “borrowing,” answers from other households with similar characteristics. ²³
Weighting	In preparing survey estimates, the weight of each household’s response is determined in relation to the estimated overall number of households and the estimated number of residents of similar age, sex, race, and Hispanic origin, as derived from the Decennial Census through annual population and housing estimates. ²⁴
Variance	To understand the reliability of any survey result, the survey sponsors need to produce estimates of variance, or sampling error, which also is based annual population and housing estimates. ²⁵

44. Census-guided financial assistance programs use census-derived datasets to differentiate among geographic areas in terms of eligibility and/or allocation and then distribute funds based on those differentiations.

V. CONCLUSION

45. Across the breadth of census-guided programs, geographic differences in the accuracy of the Decennial Census will lead to distortions in the distribution of financial assistance. That said, the sensitivity of funds distribution to census mismeasurement is by far the greatest for programs with geographic allocation formulas that rely on census-derived data. Allocation formulas reflect a continuum of possible outcomes – place on that continuum is determined by specific statistics, often calculated to the one-hundredth or one-thousandth of a percent point. Even modest geographic differences in census accuracy can lead to changes in funds distribution.

²³ See, for example, Census Bureau, “Section 10.6: Editing and Imputation” in “American Community Survey: Design and Methodology,” January 2014.

²⁴ See, for example, Census Bureau, “Chapter 11: Weighting and Estimation,” in “American Community Survey: Design and Methodology,” January 2014.

²⁵ See, for example, Census Bureau, “Chapter 14: Estimation of Variance” in “Current Population Survey: Design and Methodology,” Technical Paper 66, October 2006.

46. Based on my experience and knowledge, when a state, county, or community loses population share due to a differential undercount, it receives less federal funding and its residents experience less access to valued programs and services than they otherwise would have received and/or face higher taxes than they otherwise would have paid.

I declare under penalty of perjury that the foregoing is true and correct.

A handwritten signature in black ink, appearing to read "Andrew Reamer", is positioned above a horizontal line.

Andrew Reamer

Executed on August 31, 2020 at Washington, D.C.

ANDREW D. REAMER, Ph.D.

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Washington, DC 20052

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Education

- Ph.D. in Economic Development and Public Policy, Department of Urban Studies and Planning, Massachusetts Institute of Technology (1987)
- Master in City Planning, Department of Urban Studies and Planning, Massachusetts Institute of Technology (1981)
- Bachelor of Science in Economics, cum laude, Wharton School, University of Pennsylvania (1971)

Professional Experience

Research Professor, George Washington Institute of Public Policy, George Washington University (2011-present)

Focus on policies that encourage and support U.S. economic competitiveness. Areas of interest include innovation, regional economic and workforce development, and economic statistics.

Advisory Committees

- Member, U.S. Bureau of Economic Analysis Advisory Committee (2008-present)
- Member, Workforce Information Advisory Council, U.S. Department of Labor (2016-present)
- Member, Statistics Committee, National Association for Business Economics (2013-present)
- Member, Data User Advisory Committee, U.S. Bureau of Labor Statistics (2009-2018, chair 2009-2011)
- Member, National Advisory Committee on Innovation and Entrepreneurship, U.S. Department of Commerce (2016-2018)
- Member, Panel on Communicating National Science Foundation Science and Engineering Information to Data Users, Committee on National Statistics, National Research Council (2010-2011)

Publications

- "Comprehensive Accounting of Census-Guided Federal Spending (FY2017)—Part A: State Estimates," Report #7B of the Counting for Dollars Project, February 2020
- "Federal Sources of Entrepreneurship Data: A Compendium," for the E.M. Kauffman Foundation, December 2019
- "Comprehensive Accounting of Census-Guided Federal Spending (FY2017)—Part A: Nationwide Analysis," Report #7A of the Counting for Dollars Project, November 2019

- “The Distribution of Census-Guided Federal Funds to U.S. Communities: Five Program Examples,” with Sean Moulton, Report #6 of the Counting for Dollars Project, July 2019
- “Distribution of Funding from 55 Large Census-guided Programs by State,” Report #5 of the Counting for Dollars Project, May 2019
- “Census-derived Datasets Used to Distribute Federal Funds,” Report #4 of the Counting for Dollars Project, December 2018
- “Federal Funding for Rural America: The Role of the Decennial Census,” Report #3 of the Counting for Dollars 2020 Project, December 2018
- “Company Outcomes Research for Evaluating SBIR (CORES),” with Robin Gaster, for the National Science Foundation, May 2018
- “Nationwide Data Initiative: Principles of Approach to Organizational Design and Development,” for the US Partnership on Mobility from Poverty, April 2018
- “Counting U.S. Secondary and Postsecondary Credentials,” co-author with Center for Regional Economic Competitiveness, for Credential Engine, April 2018
- “Counting for Dollars 2020: The Role of the Decennial Census in the Geographic Distribution of Federal Funds – Report #2: Estimating Fiscal Costs of a Census Undercount to States,” March 2018
- “A Roadmap to a Nationwide Data Infrastructure for Evidence-Based Policymaking,” with Julia Lane, *The ANNALS of the American Academy of Political and Social Science*, Vol 675, Issue 1, 2018
- “Before the U.S. Tariff Commission: Congressional Efforts to Obtain Statistics and Analysis for Tariff-setting, 1789–1916,” chapter for *Centennial History of the United States International Trade Commission*, November 2017
- “Toward A U.S. Competitiveness Strategy,” *Innovations: Technology, Governance, Globalization*, Policy Design issue, Summer-Fall 2017, Volume 11, Issue 3-4
- “Counting For Dollars: The Role of the Decennial Census in the Geographic Distribution of Federal Funds Initial Analysis: 16 Largest Census-guided Programs,” August 2017.
- “Federal Efforts in Support of Entrepreneurship: A Reference Guide,” prepared for the Kauffman Foundation, April 2017
- “Better Jobs Information Benefits Everyone,” *Issues in Science and Technology*, v. 23, n. 1, Fall 2016, pp. 58-63.
- “Data Resources to Support Middle-Skill Workforce Development,” research paper prepared for Committee on the Supply Chain for Middle-Skill Jobs: Education, Training and Certification Pathways, Board on Science, Technology and Economic Policy, National Academy of Sciences, August 2015
- “Analyzing Talent Flow: Identifying Opportunities for Improvement,” with Robert Sheets and David Stevens, for the Talent Pipeline Management Initiative of the Center for Education and Workforce, U.S. Chamber of Commerce Foundation, July 2015

- “Stumbling into the Great Recession: How and Why GDP Estimates Kept Economists and Policymakers in the Dark,” GWIPP research note, April 2014
- “Indicators of the Capacity for Invention in the United States,” research paper prepared for the Lemelson Foundation, March 2014
- “The Impacts of Technological Invention on Economic Growth – A Review of the Literature,” research paper prepared for the Lemelson Foundation, February 2014
- “National Nonprofit Organizations That Inspire and Enable Invention and Invention-based Enterprises,” research paper prepared for the Lemelson Foundation, February 2014
- “Global Entrepreneurship Week Policy Survey,” report, Public Forum Institute, November 2013
- “Improving Federal Statistics for Industry Studies,” research paper presented at Industry Studies Association annual conference, Kansas City, Missouri, May 2013
- “Using Real-time Labor Market Information on a Nationwide Scale,” policy brief, Credentials That Work Initiative, Jobs for the Future, April 2013
- “Labor Market Information Customers and Their Needs: Customer-Oriented LMI Product Innovation,” with Center for Regional Economic Competitiveness, report for the Customer Consultation Study Group, Workforce Information Council, April 2012
- “Economic Intelligence: Enhancing the Federal Statistical System to Support U.S. Competitiveness,” policy brief, Series on U.S. Science, Innovation, and Economic Competitiveness, Center for American Progress, February 2012
- “Say Goodbye to the Survey of Business Owners?,” Policy Forum Blog, the Policy Dialogue on Entrepreneurship, September 26, 2011.
- “The Quality of Economic Statistics is About to Erode,” Policy Forum Blog, the Policy Dialogue on Entrepreneurship, September 19, 2011
- “Putting America to Work: The Essential Role of Federal Labor Market Statistics,” article, AMSTAT News, American Statistical Association, March 1, 2011
- “The Federal Role in Encouraging Innovation: The “I’s” Have It,” article, Innovation Policy Blog, December 18, 2010

Congressional and Other Public Testimony

- “The Economic Impacts of the 2020 Census and Business Uses of Federal Data,” testimony to the Joint Economic Committee, U.S. Congress, May 22, 2019
- “The Evolution of the Federal Statistical System: Implications for Evidence-based Policymaking,” testimony to the Commission on Evidence-based Policymaking, March 13, 2017
- “The American Community Survey: Approaches to Addressing Constituent Concerns,” testimony before the Subcommittee on Federal Financial Management, Committee on Homeland Security and Government Affairs, U.S. Senate, Washington, DC, July 18, 2012

- “The Economic Impact of Ending or Reducing Funding for the American Community Survey and Other Government Statistics,” testimony before the Joint Economic Committee, U.S. Congress, Washington, DC, June 19, 2012
- Testimony on the President’s FY2012 Budget before the House Appropriations Subcommittee on Commerce, Justice, Science, and Related Agencies, Washington, DC, March 11, 2011

Public Presentations

- “Role of the 2020 Census in the Geographic Allocation of Federal Spending,” presented at Council of Professional Associations on Federal Statistics, March 6, 2020.
- “Role of the 2020 Census in the Geographic Allocation of Federal Spending,” presented at National Association of Counties Legislative Conference, March 2, 2020.
- “Census-Guided Federal Spending: A Comprehensive Accounting,” presented at National League of Cities, November 18, 2019.
- “The Role of the 2020 Census in the Geographic Distribution of Federal Funds,” presented at annual conference of Association of Public Data Users, July 10, 2019
- “Making it Count: The Role of the 2020 Census in the Geographic Distribution of Federal Funds by County,” webinar presentation to the National Association of Counties, June 13, 2019
- “The Role of the 2020 Census in Distributing Federal Funds to Metro Washington,” presented at “Interventions that Work: 2020 Census & Hard-to-Reach Communities,” Washington, DC, June 6, 2019
- “Non-traditional Datasets for Research on Entrepreneurship,” presentation at Industry Studies Association annual conference, May 31, 2019
- “The Census, SCOTUS & The Economy,” podcast interview, Joint Economic Committee Democrats, recorded May 22, 2019, released May 30, 2019
- “The Role of the ACS in the Distribution of Federal Funding,” presented at the ACS Data Users Conference, Washington, DC, May 14, 2019
- “The Role of the 2020 Census in Distributing Federal Funds to Maryland Nonprofits,” presented to Maryland Nonprofits, March 20, 2019
- “Counting for Dollars: A Study of Census-guided Financial Assistance to Rural America,” presented to the Congressional Rural Caucus, U.S. House of Representatives, Washington, DC, October 11, 2018
- “2020 Census: How the Count Affects State Budgets,” presented to the National Association of State Budget Officers (NASBO) annual conference, Oklahoma City, Oklahoma, July 23, 2018
- “Company Outcomes Research for Evaluating SBIR (CORES),” presentation at Association of Public Data Users annual conference, July 18, 2018
- “Preparing for the Census: What’s in Store for 2020 – Why the Census Matters to Cities,” presentation to National League of Cities annual conference, March 13, 2018

- “Counting for Dollars: The Role of the Decennial Census in the Geographic Distribution of Federal Funds,” presented to the Council of Professional Associations for Federal Statistics, September 15, 2017
- “Congressional Attitudes to Evidence-based Policymaking: An Historical Review,” presentation to Legislative Branch Capacity Working Group, July 17, 2017
- “Before the U.S. Tariff Commission: Congress’ Efforts to Obtain Statistics and Analysis for Tariff-setting, 1789-1916,” presentation to Industry Studies Association annual conference, May 26, 2017
- “A Compendium of Federal Efforts to Support Entrepreneurship: Assessment and Implications,” Industry Studies Association annual conference, May 26, 2016
- “Communicating the American Community Survey’s Value to Respondents,” Committee on National Statistics, National Academy of Sciences, March 8, 2016.
- “The Mercantilist Policy Origins of Federal Economic Statistics Agencies,” History of Economics Society annual conference, June 27, 2015.
- “Data Resources to Support Middle-Skill Workforce Development,” Symposium on the Supply Chain for Middle-Skill Jobs: Education, Training and Certification Pathways, June 25, 2015.
- “Towards a Federal Strategy for U.S. Economic Competitiveness,” Industry Studies Association, May 27, 2015
- “Madison’s Legacy: Federal Statistical Products Based on the American Community Survey,” ACS Data Users Conference, May 12, 2015
- “Stumbling into the Great Recession: How and Why GDP Estimates Kept Economists and Policymakers in the Dark,” GW Forecasting Seminar, February 12, 2015
- “Efforts to Measure Trade in Value-Added and Map Global Value Chains: A Guide,” Industry Studies Association Annual Conference, Portland, Oregon, May 29, 2014
- “Stumbling into the Great Recession: How and Why GDP Estimates Kept Economists and Policymakers in the Dark,” presented to the U.S. Bureau of Economic Analysis Advisory Committee, Washington, DC, May 9, 2014
- “The Manufacturing Policy Origins of U.S. Economic Statistical Agencies,” presentation to the Manufacturing Council, U.S. Department of Commerce, Washington, DC, July 23, 2013
- “A Foundation to Measure U.S. Economic Competitiveness: Proposals,” presented at “Measuring Competitiveness: In Search of New Metrics” Luncheon, Bernard L. Schwartz Program in Competitiveness and Growth Policies, Carnegie Endowment for International Peace, Washington, DC, June 20, 2013
- “Sources and Uses of Federal Labor Market Information: Current Developments,” presentation to the Real-Time LMI Innovators Network, Jobs for the Future, Boston, MA, April 16, 2013
- “The Economic Census and Its Role in Economic Statistics,” 2012 Economic Census Conference, U.S. Census Bureau, Washington, DC, October 15, 2012

- “The Government's Role in Stimulating Clusters,” Workshop: Encouraging the Commercialization of Research Results and the Utilization of Cluster Mapping through EU-US Collaborations, Center for Transatlantic Relations, Johns Hopkins University, Washington, DC, December 7, 2011
- “Employment and Workforce Data Systems at the Federal Level: New Developments, Challenges, and Opportunities for Community Colleges,” presented to Real Time LMI Innovators Network, Jobs for the Future, Chicago, IL, November 29, 2011
- “Statistics for Cluster Analysis: Innovations and Opportunities,” presentation to the Taskforce for the Advancement of Regional Innovation Clusters (TARIC), U.S. Department of Commerce, Washington, DC October 24, 2011
- “Sub-National STI Statistics: Recommendations for the National Center for Science and Engineering Statistics,” presentation to panel on Developing Science, Technology, and Innovation Indicators for the Future, National Academies of Science, Washington, DC, July 12, 2011
- “Regional Clusters and Federal Economic Policy,” presentation to Manufacturing Industry Study Seminar, Industrial College of the Armed Forces, Washington, DC, March 22, 2011
- “Innovations in Federal Statistics: New Views on Regions,” presented to Understanding, Using, and Maximizing New Federal Data Workshop, IEDC 2011 Federal Economic Development Forum, March 20, 2011
- “The Changing Landscape of Federal Workforce Statistics: The Context for Real-Time LMI,” presentation to Credentials That Work workshop, Jobs for the Future, Washington, DC, March 15, 2011
- “Putting America to Work: The Essential Role of Federal Labor Market Statistics,” presentation to Local Employment Dynamics Partnership Workshop, Washington, DC, March 9, 2011

Hosted Public Events

- “Innovative Data Sources for Regional Economic Analysis,” conference and symposium, Washington, DC, May 7-9, 2012
- “Roundtable on Science, Technology, and Innovation Data and Indicators,” Washington, DC, June 29, 2011

Public Resource Material

- “Education and Workforce Data Resources,” LMI Institute, Fall 2014
- “Public and Private Sources of Education and Workforce Data,” April 2014
- “Resources Regarding the American Community Survey (ACS) of the U.S. Census Bureau,” May-December 2012

Reports to Clients for Internal Use

- “Federal Manufacturing Policy: An Historical Overview,” reference paper prepared for the U.S. Department of Commerce, August 2013

- Papers and reports prepared with the University of North Carolina for “Evaluation and Assessment of Economic Development Investments,” a cooperative project with the U.S. Economic Development Administration, October 2011-December 2013
- Analyses prepared for the Panel on Developing Science, Technology, and Innovation Indicators for the Future, Committee on National Statistics in collaboration with the Board on Science, Technology, and Economic Policy, National Research Council, April 2011-December 2012.

Fellow, Metropolitan Policy Program, The Brookings Institution (2006-2010)

Managed the Federal Data Project, an effort that encouraged the federal government to produce the current, accurate, detailed geographic data needed by public and private decision-makers and researchers. Priorities included economic statistics, demographic statistics, and federal expenditures data. Methods include congressional testimony and briefings, public presentations, written and oral communications with federal statistical organizations, public and roundtable events, statistical system stakeholder network development, participation in statistical agency advisory committees, and data product development.

Examples of efforts included:

- Economic Statistics
 - “Putting America to Work: The Essential Role of Federal Labor Market Statistics” (2010)
 - Economic data roundtables with federal statistical agencies, professional and trade associations, policy research organizations, and federal program agencies (2008-2010)
 - Regarding Census Bureau’s Local Employment Dynamics program – congressional briefings, annual conference and leadership meetings, panel session participation (2006-2010)
 - “Measuring Up in a Changing Economy: A Look at New U.S. Service Sector Data and Why It Matters,” public event and roundtable (2010)
 - Who Cares About Economic Statistics,” *Dismal Scientist*, Moody’s Economy.com (2009)
 - “The Structure of the U.S. Economic Statistical System: Implications for Public Policy,” presentation to the International Statistical Institute conference, Durban, South Africa (2009)
 - “In Dire Straits: The Urgent Need to Improve Economic Statistics,” *AmStat News* (2009)
 - “Ensuring Economic Programs Accurately Reflect the 21st Century,” speech to the Census Bureau Economic Programs Directorate leadership off-site (2008)
 - “The Department of Commerce Budget Request for Fiscal Year 2008: Observations for Consideration,” testimony before the House Committee on Appropriations, Subcommittee on Commerce, Justice, Science and Related Agencies (2007)

- Demographic Statistics
 - “Surveying for Dollars: The Role of the American Community Survey in the Geographic Distribution of Federal Funds” (2010)
 - “Counting for Dollars: The Role of the Decennial Census in the Geographic Distribution of Federal Funds” (2010)
 - “The Federal Statistical System in the 21st Century: The Role of the Census Bureau,” testimony before the Joint Economic Committee (2009)
 - “Tempest Over the Census,” Brookings editorial (2009)
 - Prototype database to determine geographic allocation of federal funds (counties, metros, states) on the basis on census statistics (2008-09)
 - Prototype tool to provide maps and tables on “hard-to-count” census tracts throughout the U.S. (2008-09)
 - Communications with OMB and Census Bureau leading to improved decennial census enumeration of households in small multi-unit buildings without traditional city-style addresses (2006-09)
 - Census Bureau-data user roundtables on improving Census Bureau’s American Community Survey data products (2007-08)
 - “Preparations for 2010: Is the Census Bureau Ready for the Job Ahead?,” testimony before the Senate Committee on Homeland Security and Governmental Affairs Subcommittee on Federal Financial Management, Government Information, Federal Services, and International Security (2007)
 - “The 2010 Census: What State, Local, and Tribal Governments Need to Know,” workshop (2007)
- Federal Spending Transparency and Accountability
 - “Metro Potential in ARRA: An Early Assessment of the American Recovery and Reinvestment Act” (with Mark Muro, Jennifer Bradley, Alan Berube, Robert Puentes, and Sarah Rahman), chapter on transparency (2009)
 - Memos to and meetings with Congress and the Office of Management and Budget (OMB) on the design and implementation of the Federal Financial Accountability and Transparency Act of 2006 and American Recovery and Reinvestment Act (2007-09)
 - “OMB’s Congressional Mandates to Provide Information on Federal Spending,” presentations to the National Grants Partnership (2007) and National Academies of Science (2008)

Prepared briefs, articles, presentations, and testimony on federal economic development policy.

- “Stimulating Regional Economies: the Federal Role,” presented at Growing Innovation Clusters for American Prosperity symposium, National Academy of Sciences (2009)

- Congress Directs EDA to Act on Clusters,” *The New Republic* blog post (with Mark Muro, 2009)
- “Clusters and Competitiveness: A New Federal Role for Stimulating Regional Economies” (with Karen Mills and Elisabeth Reynolds, 2008)
- “The Department of Commerce Budget Request for Fiscal Year 2008: Observations for Consideration,” testimony before the House Committee on Appropriations, Subcommittee on Commerce, Justice, Science and Related Agencies (2007)
- “The Federal Role in Regional Economic Development,” testimony before the House Committee on Transportation and Infrastructure, Subcommittee on Economic Development, Public Buildings, and Emergency Management (2007)
- “How Economic Change Happens and Why We Resist It,” speech before the Symposium on Change, University of Buffalo Regional Institute (2007)

Deputy Director and Fellow, Urban Markets Initiative, The Brookings Institution (2004-06)

Guided a foundation-funded effort to increase the availability and accessibility of data on urban neighborhoods. Projects managed included:

- Federal data agenda – identifying ways in which the federal government can improve availability and accessibility of statistics for states, metro areas, cities, and neighborhoods
- National Infrastructure for Community Statistics – managing a Community of Practice (CoP) focused on the development of a nationwide infrastructure to provide widespread access to data from multiple sources on multiple topics
- Urban budgets – creating a tool to ascertain the flow of federal investments by type of investment and by county

Examples of efforts included:

- “To Take a Bite Out of Crime: Safeguard the Census,” *Brookings Alert* (2006)
- “Anticipating the Unimaginable: The Crucial Role of the Census in Disaster Planning and Recovery,” *Brookings Alert* (2006)
- “Apportionment in the Balance: A Look into the Progress of the 2010 Decennial Census,” testimony before House Committee on Government Reform (2006)
- “Better Data for Better Decisions: The Value of the American Community Survey to the Nation,” Brookings Briefings on the Census (2006)
- “The Road to 2010: Plans for the 2010 Census and the American Community Survey,” Brookings Briefings on the Census (2006)
- “Federal Statistics: Robust Information Tools for the Urban Investor” (with Pari Sabety, 2005)

Principal, Andrew Reamer & Associates (full-time 1995-2004, part-time 2004-present)

Promotes sound public policy and effective economic development through three sets of activities:

- Building Capacities for Producing and Using Regional Socioeconomic Data
- Indicator Systems Design and Implementation
- Regional Economic Development Analysis, Strategy, and Program Development

Building Capacities for Producing and Using Regional Socioeconomic Data

- Determining Public and Private Sector Needs For Socioeconomic Data
 - Federal Data Agenda, Urban Markets Initiative, Brookings Institution (consultant, 2004). Managed staff assessments of 30 federal statistical agencies to determine issues and barriers to providing data useful for urban market decisions, and priorities for action to address these issues and barriers.
 - Socioeconomic Data for Economic Development: An Assessment (with Joseph Cortright, for U.S. Economic Development Administration, 1999)
- Mechanisms to Enhance Economic Markets Through Improved Data Development, Access, and Use
 - Guides
 - Socioeconomic Data for Understanding Your Regional Economy: A User's Guide (with Joseph Cortright, for U.S. Economic Development Administration, 1998)
 - Web sites
 - WorkforceUSA (adviser to Workforce Learning Strategies, for U.S. Department of Labor and Ford Foundation, 2002)
 - Mapstats (adviser to Mapstats Working Group, FedStats Task Force, 2000-01)
 - EconData.Net (co-developer and –owner, with Joseph Cortright, 1999-present). Econdata.Net is a portal to 1,000 on-line sources of regional socioeconomic data, organized by topic and provider. The site has 14,000 visitors monthly, and 3,000 subscribers to a monthly newsletter, StatScan. EconData.Net was developed and operated using Economic Development Administration funds, and is now sponsored by the Fannie Mae Foundation.
 - CDs
 - R-Maps, Office of Policy Development and Research, U.S. Department of Housing and Urban Development (facilitator of development of CD with PD&R data sets and LandView mapping tool, 2000-01)

- Conference Design and Development
 - America’s Scorecard: The Historic Role of the Census Bureau in an Ever-Changing Nation, Woodrow Wilson International Center for Scholars, Washington, DC (for Census Bureau, March 2004)
 - International Conference on Community Indicators, Community Indicators Consortium, Reno, Nevada (March 2004)
 - Next Generation of Community Statistical Systems, Tampa, Florida (with University of Florida, for Ford Foundation, March 2002)
 - Innovations in Federal Statistics, Woodrow Wilson International Center for Scholars, Washington, DC (for the Center, May 2001)
- Organizational and Professional Network Development and Management
 - Community Indicators Consortium (conference track chair, planning committee chair, 2004)
 - Community Statistical Systems Network (2002 – 04)

Indicator Systems Design and Implementation

- Working Poor Families Project, Annie E. Casey Foundation/Ford Foundation/Rockefeller Foundation (with Brandon Roberts + Associates, 2001 – present)
 - Annually oversee the preparation of state indicators on the economic conditions and characteristics of working families and individuals
 - With Brandon Roberts, advised state advocacy organizations (15 to date) in the preparation of policy reports on low-income working families
 - Co-authored one national report (2004) and advised on second (2008)
- “Development Report Card for the States,” Corporation for Enterprise Development (1987 – 2006)
 - Annually prepared indicators on economic vitality for the 50 states
 - Advised on revisions of indicators framework

Regional Economic Development Analysis, Strategy, and Program Development

- Nationwide Analysis Of Regional Economic Dynamics and Programs
 - Technology Transfer and Commercialization: Their Role in Economic Development (for Economic Development Administration, 2003) – Note Chapter Three and Appendix B on the geography of innovation in the U.S.

- Guides
 - Strategic Planning in the Technology-Driven World: A Guidebook for Innovation-Led Development, Collaborative Economics (co-author with Jennifer Montana, for Economic Development Administration, 2001)
- Regional Economic Analysis, Strategy, and Program Development (see next section)

Other Prior Professional Experience – Regional Economic Development

As co-founder and principal of Mt. Auburn Associates (1984-1995) and as principal of Andrew Reamer & Associates (1995-present), Andrew Reamer managed and participated in regional economic development studies of three types: analysis and strategy, program evaluation, and program design

Analysis and Strategy

- General Regional Economic Development Analyses and Strategies

Involved in over 30 general economic development studies, clients include:

 - States of Massachusetts, Rhode Island, Arkansas, Indiana, Georgia, and Colorado
 - Regions in western Massachusetts, northeast and northwest Connecticut, northern New Mexico, northwest Oregon
 - Metro areas of Boston, Worcester, and Springfield, Massachusetts; Nashua, New Hampshire; Indianapolis, Indiana; Memphis, Tennessee; Shreveport, Louisiana; Austin, Texas
 - Cities of Boston, Massachusetts, Dublin, Ohio, and Collierville, Tennessee
 - Clarke County, Georgia and Aiken County, South Carolina
- Regional Industry Competitive Analyses and Strategies
 - Examined competitive strengths, weaknesses, and strategy options for specific regional industries, include fiber optics, telecommunications, information technology, advanced materials, software, metalworking, environmental technology, marine technology, biomedical, food processing, footwear, plastics, oil, natural gas, petrochemicals, wood products, warehousing and distribution, and heavy vehicles.
- Advanced Technology Analyses and Strategies
 - Analyzed key technology industries and development opportunities in Iowa and Virginia

- Prepared regional strategies for promoting technology transfer from the Los Alamos National Laboratory, the Department of Energy Jefferson National Accelerator Facility, and the Air Force's Rome Laboratory. Regional Defense Adjustment Efforts
 - Managed or participated in the preparation of conversion strategies for defense-dependent regions, facilities reuse plans, and base closure impact analyses.
- Recyclable Material Markets Analyses and Strategies
 - Managed or participated in preparation of analyses and strategies in New York, Pennsylvania, Massachusetts, Connecticut, Rhode Island, Texas, North Carolina, Mississippi, and Iowa.

Program Evaluation

- Evaluation Of Federal Economic Development Programs
 - Managed or participated in evaluation of the U.S. Economic Development Administration's Revolving Loan Fund, Technical Assistance, Public Works, and Small Business Incubator programs.
 - Managed two evaluations of the Jobs Through Recycling program of the U.S. Environmental Protection Agency.
- Evaluation of State Economic Development Programs
 - Managed or participated in evaluation of Ohio's Edison Technology Centers and technology transfer intermediaries, New York's Office of Recycling Market Development, Iowa's small business incubator program, Oregon's Regional Strategy program, Georgia's economic development agencies, and Massachusetts' Community Development Finance Corporation.

Program Design

- Design Of State And Individual Small Business Incubator Programs
 - Managed program-specific efforts for the states of Massachusetts and Iowa and facility-specific efforts in New Mexico and Massachusetts.
- Design Of State Defense Industry Conversion Programs
 - For the National Governors Association, participated in the development of state defense industry conversion programs in Massachusetts, Rhode Island, and Virginia.

Chronology of Professional Experience

- Research Professor, George Washington Institute of Public Policy, George Washington University (2011-present)
- Nonresident Senior Fellow, Metropolitan Policy Program, The Brookings Institution (2010-2013)
- Fellow, Metropolitan Policy Program, The Brookings Institution (2005-2010)
- Deputy Director and Fellow, Urban Markets Initiative, Metropolitan Policy Program, The Brookings Institution (2004-06)
- Principal, Andrew Reamer & Associates (full-time 1995-2004, part-time 2004-present)
- Lecturer, Department of Urban Studies and Planning, Massachusetts Institute of Technology (1986, 2002-04)
- Principal, Mt. Auburn Associates (1984-1995)
- Case Team Member, Rhode Island Strategic Development Commission (1983-84)
- Consultant, Counsel for Community Development (1982-83)
- Graduate instructor, MIT Department of Urban Studies and Planning (1981-82)
- Policy Analyst, U.S. Department of Commerce, Office of the Assistant Secretary for Policy (1980)
- Research Assistant, MIT Center for Transportation Studies (1981-82)
- Research Assistant, MIT Energy Laboratory (1978-1981)
- Health Planner, Maryland Health Planning and Development Agency (1975-78)
- Administrative Assistant, Johns Hopkins Hospital (1974)
- Research Analyst, Boston Urban Observatory, University of Massachusetts (1973)
- Summer Intern, Mayor's Office of Public Service, City of Boston (1970, 1971)

Achievements and Honors

- Doctoral Fellow, Harvard-MIT Joint Center for Urban Studies (1983-1984)

Professional Affiliations

- Association of Public Data Users, Past President (2011-2012), President (2009-2010), Vice President (2008), Board member (2006-2007)
- Council for Community and Economic Research, Board member (2007- 2012)
- National Association for Business Economics, Member of Statistics Committee (2013-present)
- American Statistical Association
- American Economic Association
- History of Economics Association

EXHIBIT E

**UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF MARYLAND**

LA UNIÓN DEL PUEBLO ENTERO, et al.,

Plaintiffs,

v.

DONALD J. TRUMP, sued in his official capacity
as President of the United States, et al.,

Defendants.

Civil Action No. 8:19-CV-02710-PX

DECLARATION OF KIMBALL W. BRACE

I. INTRODUCTION

1. I am the president of Election Data Services, Inc. (E.D.S. Inc.), a Manassas, Virginia-based consulting firm whose specialty is reapportionment, redistricting matters, election administration issues, and the census.

2. I have been retained by the plaintiffs in *La Union del Pueblo Entero v. Trump et al.*, Case No. 8-19-cv-02710 (D. Md.). I have been asked to assess the impact of a truncated Census field operation and post-processing operation on (i) the apportionment of Congressional seats following the 2020 Census, and (ii) the dilution of the votes of people living in certain counties as a result of intrastate redistricting.

3. All the materials considered in forming the opinions contained herein are identified in this report. I am being compensated for my work on this matter at an hourly rate of \$175, while members of my staff at billed at \$140 per hour.

II. BACKGROUND AND QUALIFICATIONS

4. I attended American University in Washington, D.C., from 1969 through 1974 (having taken a year off for the 1972 campaign), where I earned a B.A. degree in Political Science. I started E.D.S. Inc. in 1977 and have been with the company since that time.

5. Prior to 1977, I was a journalist and employed by companies like NBC News, Congressional Quarterly, and Plus Publications. While I was with NBC News, I was a researcher, advance man, and, during the 1972 election year, an election analyst for the NBC News Elections Unit. One of my responsibilities was to follow the redistricting process that occurred after the 1970 census. At Congressional Quarterly, I was in charge of congressional voting studies. At Plus Publications, I was Associate Editor of a newsletter called *Election Administration Reports*, a bi-weekly publication for state and county election administrators and registrars of voters. A copy of my curriculum vitae is attached as **Exhibit 1**.

6. As president of E.D.S. Inc., I supervise and direct all major projects in which the company is involved.

7. E.D.S. Inc. is a research facility and consulting firm dealing with many aspects of the electoral process. The company and its staff have been hired by state and local governments across the nation to provide software, database development services, and consulting services for the creation of districting plans and the analysis of many aspects of the apportionment and redistricting process.

8. Since 1979, I, individually and with E.D.S. Inc., have been actively involved in many aspects of the redistricting and reapportionment process, having gone through four full census and redistricting cycles. We have already been retained by several states for the planning and database activities associated with the 2020 redistricting process. I have been a consultant to many state and local governmental organizations around the nation, providing strategic advice and consulting on redistricting matters, coordinating the development of the databases used in the

redistricting process, creating and assisting others with the creation of districting plans, and analyzing many aspects of districts and district configurations.

9. Over the past 39 years, E.D.S. Inc.'s clients for redistricting services have come from more than half the states in the nation. In addition, over the past three decades, I have been called upon to provide reports, expert witness testimony, and assistance to attorneys in more than 70 different court cases.

10. Further, I frequently give speeches to groups and organizations and participate in numerous conferences and panels on various aspects of apportionment, redistricting, and the census. Since the early 1980s, I have been a regular participant and speaker at annual and bi-annual meetings of the Task Force on Redistricting of the National Conference of State Legislatures ("NCSL"). I have also been on their faculty, as NCSL has conducted five regional "Get Ready for Redistricting" seminars each decade since 1980. I was also appointed by the U.S. Secretary of Commerce to the 2010 Census Advisory Committee, a 20-person advisory board to the Director of the Census Bureau and served for two terms. Earlier this year I was asked to be NCSL's representative on a series of half-day small-group expert meetings, being arranged by the Committee on National Statistics (CNSTAT), to delve deeply into and provide informal discussion/feedback with Census Bureau staff as they continue to develop the differential privacy-based Disclosure Avoidance System for the 2020 census. I am regularly called upon by members of the press with questions on redistricting, reapportionment, the census, election administration issues, and politics in general.

11. In addition to its redistricting work, E.D.S. Inc. provides assistance in the election administration field to state and local jurisdictions in such areas as precinct management, voter registration systems, and voting equipment evaluation. E.D.S. Inc. regularly collects election returns for each state in the nation. In 1992, the company published a 500-page volume of county-level voter registration and voter turnout data, and election returns for the entire nation