

# Poland

- FM addresses Polish diaspora on their day.* (2020, May 02, 2020). Retrieved from <https://www.thefirstnews.com/article/fm-addresses-polish-diaspora-on-their-day-12402>
- Polish as a foreign language certification exams.* (n.d.). Retrieved from <http://certyfikatpolski.pl/>
- Alscher, S. (2008). *Country Profiles Migration: Poland*. Retrieved from <https://www.bpb.de/gesellschaft/migration/laenderprofile/58509/poland>
- AMI. (2014). *Report of the Adam Mickiewicz Institute 2013/14*. Retrieved from <https://iam.pl/en/dokumenty/report-20132014>
- AMI. (2018). *Financial statement for the period 1 Jan 2017 - 31 Dec 2017*. Retrieved from <http://www.krs-online.com.pl/msig-5605-49130-o.html>
- AMI. (2018). *Report on quantitative research on the image of Poland and Polish culture abroad 2017*. Retrieved from <https://iam.pl/pl/dokumenty/raport-z-badaniosciowych-dotyczacych-wizerunku-polski-i-polskiej-kultury-za-granica-2017>
- AMI. (2020). *Report on the activities of the Adam Mickiewicz Institute in 2020*. Retrieved from <https://iam.pl/pl/dokumenty/raporty>
- Aronczyk, M. (2013). *Branding the Nation: The Global Business of National Identity*: Oxford University Press
- Aronczyk, M. (2013). Creative Tension, Normal Nation: Branding National Identity in Poland. In *Branding the Nation: The Global Business of National Identity* (pp. 82-107): Oxford University Press
- Babovnikova, M. (2018). The Construction of National Identity in Poland's Newspapers. *Södertörns Högskola | School of Social Sciences*. Retrieved from <https://sh.diva-portal.org/smash/get/diva2:1213758/FULLTEXT01.pdf>
- Bonarek, M., Mierzwa, M., & Niewęglowski, K. (2019). The tradition of Polish diplomacy and its prospects for the future - selected aspects. ; Tradycja polskiej dyplomacji i perspektywy na przyszłość – wybrane aspekty. *Scientific Journal of Students*; Vol. 22, No. 40 (2019) (pp. 195-203); *Studenckie Zeszyty Naukowe*; Vol. 22, No. 40 (2019). doi: <https://doi.org/10.17951/szn.2019.22.40.195-203>
- Brandt, N. (2018). *Strengthening innovation in Poland*. doi: <https://doi.org/10.1787/abf2c877-en>
- Clarke, D., & Duber, P. (2020). Polish Cultural Diplomacy and Historical Memory: the Case of the Museum of the Second World War in Gdańsk. *International Journal of Politics, Culture, and Society*, 33(1) (pp. 49-66). doi: <https://doi.org/10.1007/s10767-018-9294-x>
- Council for the Promotion of Poland. (2013). *Principles for Communicating the Polska Brand (Zasady Komunikacji Marki Polska)*. Retrieved from Warsaw:

- Culture Bridges. (n.d.). *How Poland develops its culture*. Retrieved from <https://www.culturepartnership.eu/en/article/kak-poljska-razvivaet-svoju-kuljuru>
- EC. (2017). *Poland's Higher Education and Science system*. Retrieved from Luxembourg: Publications Office of the European Union: [https://rio.jrc.ec.europa.eu/sites/default/files/report/PSF-Peer\\_review\\_Poland\\_FINAL%20REPORT.pdf](https://rio.jrc.ec.europa.eu/sites/default/files/report/PSF-Peer_review_Poland_FINAL%20REPORT.pdf)
- EC. (2020, 24 July 2019). *Poland Horizon 2020 country profile*. Retrieved from <https://webgate.ec.europa.eu/dashboard/sense/app/a976d168-2023-41d8-acec-e77640154726/sheet/0c8af38b-b73c-4da2-ba41-73ea34ab7ac4/state/0>
- European Parliament. (2015). *Internationalisation of higher education*. Retrieved from Brussels: [https://www.europarl.europa.eu/RegData/etudes/STUD/2015/540370/IPOL\\_STU\(2015\)540370\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2015/540370/IPOL_STU(2015)540370_EN.pdf)
- Florek, M. (2005). The country brand as a new challenge for Poland. *Place Branding, 1*(2) (pp. 205-214). doi: <https://doi.org/10.1057/palgrave.pb.5990021>
- Freedom House. (2020). *Nations in Transit 2020 - Poland*. Retrieved from <https://freedomhouse.org/country/poland/nations-transit/2020>
- Gera, V. (2020, September 28, 2020). Poland rejects international criticism over LGBTQ rights. *PBS*. Retrieved from <https://www.pbs.org/newshour/world/poland-rejects-international-criticism-over-lgbtq-rights>
- Ilczuk, D., & Karpińska, A. (2020). *Country profile: Poland*. Retrieved from [https://www.culturalpolicies.net/wp-content/uploads/pdf\\_full/poland/poland\\_122020.pdf](https://www.culturalpolicies.net/wp-content/uploads/pdf_full/poland/poland_122020.pdf)
- Jaroszy, x, & ska-Kirchmann, A. D. (2000). The Polish Post-World War II Diaspora: An Agenda for a New Millenium. *Polish American Studies, 57*(2) (pp. 45-66)
- Jurkiewicz-Eckert, D. (2011). *Strategies of Polish Cultural Diplomacy in the Years 2000-2010. Strategies. Facts. Critical Notes*. Paper presented at the Euroacademia International Conference: The European Union and the Politicization of Europe Vienna, 8 – 10 December 2011. [http://euroacademia.eu/wordpress/wp-content/uploads/2011/12/Dorota\\_Jurkiewicz-Eckert-Lets\\_tell\\_Poland\\_to\\_the\\_world.pdf](http://euroacademia.eu/wordpress/wp-content/uploads/2011/12/Dorota_Jurkiewicz-Eckert-Lets_tell_Poland_to_the_world.pdf)
- Jurkiewicz-Eckert, D. (2014). The Polska Brand as a Challenge for Polish Cultural Diplomacy. Old Determinants, New Strategies. *Yearbook of Polish European Studies*(17) (pp. 259-292)
- Klimczuk, A. (2016). *Strategia Rozwoju Kapitału Społecznego 2020 (2013)* by the Ministry of Culture and National Heritage of the Republic of Poland, published online at: [http://strateg.stat.gov.pl/strategie\\_pliki/Strategia\\_Rozwoju\\_Kapitalu\\_Spolecznego.pdf](http://strateg.stat.gov.pl/strategie_pliki/Strategia_Rozwoju_Kapitalu_Spolecznego.pdf). *Cultural Trends, 25*(1) (pp. 54-56). doi: <https://doi.org/10.1080/09548963.2015.1134112>
- Lemanowicz, M. (2017). An Evaluation Of The Image Of Poland As A National Brand Perceived By Young Foreigners. *Review of Innovation and Competitiveness : A Journal of Economic and Social Research, 3*(4) (pp. 57-70). doi: <https://doi.org/10.32728/ric.2018.34/3>
- Lesińska, M., & Wróbel, I. (2020). Diaspora Policies, Consular Services and Social Protection for Polish Citizens Abroad. In J.-M. Lafleur & D. Vintila (Eds.), *Migration and Social Protection in Europe and Beyond (Volume 2): Comparing Consular Services and Diaspora Policies* (pp. 369-385). Cham: Springer International Publishing

- Lindsay, F. (2019, Aug 9, 2019). Poland's Emigration Rate Is Falling But People Are Still Worried About The "Brain Drain" Bogeyman. *Forbes*. Retrieved from <https://www.forbes.com/sites/freylindsay/2019/08/09/polands-emigration-rate-is-falling-but-people-are-still-worried-about-the-brain-drain-bogeyman/?sh=34fc1cfc792e>
- Ministry of Culture and National Heritage. (2020). *Scholarships for foreigners*. Retrieved from <https://www.gov.pl/web/kultura/transport/stypendia-dla-cudzoziemcow>
- Ministry of Culture and National Heritage. (n.d.). *Cooperation with foreign countries*. Retrieved from <https://www.gov.pl/web/kultura/wspolpraca-z-zagranica>
- Ministry of Foreign Affairs. (n.d.). *Department for Cooperation with Polish Diaspora and Poles Abroad*. Retrieved from <https://www.gov.pl/web/diplomacy/departament-for-cooperation-with-polish-diaspora-and-poles-abroad>
- Ministry of Foreign Affairs. (n.d.). *Polish community and Poles abroad*. Retrieved from <https://www.gov.pl/web/diplomacy/polish-community-and-poles-abroad>
- Miodunka, W., Tambor, J., Achteлик, A., C., R., Krzyżyk, D., Mazur, J., Niesporek-Szamburska, B., . . . Zgółka, T. (Eds.). (2018). *Teaching and promoting Polish language in the world. Diagnosis - state - perspectives [Nauczanie i promocja języka polskiego w świecie : diagnoza, stan, perspektywy]*. Katowice: Publishing House of the University of Silesia
- National Centre for Culture. (2016). *Polish Culture Yearbook 2016*. Retrieved from Warsaw: [https://www.academia.edu/38441873/Polish\\_Culture\\_Yearbook\\_2016](https://www.academia.edu/38441873/Polish_Culture_Yearbook_2016)
- National Centre for Culture. (2018). *Polish Culture Yearbook 2017 (2451–4004)*. Retrieved from [https://www.researchgate.net/publication/331353852\\_Polish\\_Culture\\_Yearbook\\_2017](https://www.researchgate.net/publication/331353852_Polish_Culture_Yearbook_2017)
- National Centre for Culture. (2019). *Polish Culture Yearbook 2018*. Retrieved from Warsaw: <https://en.unesco.org/creativity/sites/creativity/files/qpr/polish-culture-yearbook-2018422.pdf>
- National Centre for Culture. (2020). *Polish Culture Yearbook 2019*. Retrieved from Warsaw: <https://sklep.nck.pl/pl/p/file/827dfac332b658c15a787c2e7ed4fbf4/Polish-Culture-Yearbook-2019.pdf>
- NAWA. (2018). *Polish national agency for academic exchange outline of the 2018–2025 strategy*. Retrieved from <https://nawa.gov.pl/images/NAWA.pdf>
- NAWA. (2019). *Report on the activities of NAWA for the year 2018*. Retrieved from <https://nawa.gov.pl/images/BIP/Sprawozdanie-finansowe-NAWA-za-rok-2018.pdf>
- NAWA. (2019). *Studying in Poland Brochure*. Retrieved from <https://nawa.gov.pl/images/NAWA-Studying-in-Poland-2019-07-v12-EUR-web.pdf>
- NAWA. (2020). *Financial statements for the year 2019*. Retrieved from <https://nawa.gov.pl/images/BIP/Sprawozdanie-finansowe-NAWA-za-rok-2019.pdf>

- NAWA. (2020, May 2020). *Polish language promotion programme*. Retrieved from <https://nawa.gov.pl/en/the-polish-language/promotion-of-the-polish-language>
- NAWA. (2020, Oct 1, 2020). *Regulation 38/2020 of the Director of the National Agency for Academic Exchange of September 30, 2020 on determining the amount of scholarships awarded to foreigners*. Retrieved from <https://nawa.gov.pl/komunikaty/zarzadzenie-38-2020-dyrektora-narodowej-agencji-wymiany-akademickiej-z-dnia-30-wrzesnia-2020-r-w-sprawie-okreslenia-wysokosci-stypendiow-przyznawanych-cudzoziemcom>
- NAWA. (2020). *Report on the activities of NAWA for the year 2019*. Retrieved from <https://nawa.gov.pl/images/BIP/Sprawozdanie-z-dzialalnosci-NAWA-za-rok-2019.pdf>
- NAWA. (n.d.). *Exchange programme for students and scientists as part of bilateral cooperation*. Retrieved from <https://nawa.gov.pl/en/international-cooperation-and-exchange/exchange-programme-for-students-and-scientists-as-part-of-bilateral-cooperation>
- NAWA. (n.d.). *Ready, Study, GO! Poland campaign*. Retrieved from <https://nawa.gov.pl/en/international-promotion/ready-study-go-poland-campaign>
- OHCHR. (2020, 27 Oct 2020). *Poland has slammed door shut on legal and safe abortions - UN experts*. Retrieved from <https://www.ohchr.org/en/NewsEvents/Pages/DisplayNews.aspx?NewsID=26434&LangID=E>
- Olendzki, K. (n.d.). *Cultural Diplomacy: Cases from Poland*. Retrieved from <https://www.culturepartnership.eu/en/publishing/cultural-diplomacy/lecture-18-5>
- ORPEG. (2020). *Financial report of the Center for the Development of Polish Education Abroad for 2019*. Retrieved from [http://khp.orpeg.pl/images/Upload/Sprawozdania/sprawozdania\\_finansowe/2019/Bilans\\_jednostki\\_sporzadzony\\_na\\_dzien\\_31.12.2019.pdf](http://khp.orpeg.pl/images/Upload/Sprawozdania/sprawozdania_finansowe/2019/Bilans_jednostki_sporzadzony_na_dzien_31.12.2019.pdf)
- ORPEG. (2021). *Polish schools*. Retrieved from <https://www.orpeg.pl/szkoly/szkoly-polskie/>
- ORPEG. (2021). *Report on the activity of ORPEG in 2020*. Retrieved from <https://www.orpeg.pl/wp-content/plugins/download-attachments/includes/download.php?id=9086>
- Piotrowski, G. (2020). Civil Society in Illiberal Democracy: The Case of Poland. *Politologický časopis - Czech Journal of Political Science*, XXVII/2020(2)
- Polish Ministry of Education and Science. (2015, 20.03.2015). *Announcement on funds for science granted to finance scientific cooperation with foreign countries*. Retrieved from [http://www.bip.nauka.gov.pl/g2/oryginal/2015\\_03/ba21ece7d462beac124ce9515703f154.pdf](http://www.bip.nauka.gov.pl/g2/oryginal/2015_03/ba21ece7d462beac124ce9515703f154.pdf)
- Polish Ministry of Education and Science. (2015, 2015-06-23). *Higher Education Internationalization Program [Program Umieędzynarodowienia Szkolnictwa Wyższego]*. Retrieved from <https://www.bip.nauka.gov.pl/komunikaty-rzecznika-prasowego-mnisw/program-umieędzynarodowienia-szkolnictwa-wyzszego.html#:~:text=Minister%20Lena%20Kolarska%2DBobi%C5%84ska%20pdpisa%C5%82a,polskiej%20nauki%20i%20polskich%20uczeln>
- Polish Ministry of Education and Science. (2018, 17.09.2018). *Announcement of the results of the competition for scholarships for outstanding young scientists*. Retrieved from <https://www.gov.pl/web/edukacja-i-nauka/ogloszenie-wynikow-konkursu-o-stypendia-dla-wybitnych-mlodych-naukowcow-2018>

- Polish Ministry of Education and Science. (2018, 10/09/2018). *Announcement on funds for science granted to finance scientific cooperation with foreign countries*. Retrieved from <https://prezentacja.www.gov.pl/web/nauka/komunikat-o-srodkach-finansowych-na-nauke-przyznanych-na-finansowanie-wspolpracy-naukowej-z-zagranica>
- Polish Ministry of Education and Science. (2020, May 6, 2020). *Members of the State Commission for the Certification of Proficiency in Polish as a Foreign Language were appointed*. Retrieved from <https://www.gov.pl/web/edukacja-i-nauka/powolano-czlonkow-panstwowej-komisji-ds-poswiadczenia-znajomosci-jezyka-polskiego-jako-obcego>
- Polish Ministry of Foreign Affairs. (2011). *Poland's Foreign Policy and its Priorities for 2001–2003 (Zagraniczna polityka kulturalna Polski i jej priorytety na lata 2001–2003)*. “Przegląd Rządowy”, Ministry of Foreign Affairs, Ministry of Culture and National Heritage (pp. 65–77)
- Polish Ministry of Foreign Affairs. (2012). *Public Diplomacy - Ministry of Foreign Affairs of the Republic of Poland*. Retrieved from [http://www.culturaldiplomacy.org/academy/pdf/research/books/public\\_diplomacy/Public\\_Diplomacy\\_-\\_Ministry\\_Of\\_Foreign\\_Affairs\\_Of\\_The\\_Republic\\_Of\\_Poland.pdf](http://www.culturaldiplomacy.org/academy/pdf/research/books/public_diplomacy/Public_Diplomacy_-_Ministry_Of_Foreign_Affairs_Of_The_Republic_Of_Poland.pdf)
- Polish Ministry of Foreign Affairs. (2016). *Polish development cooperation - Annual Report 2015*. Retrieved from <https://www.gov.pl/web/polskapomoc/raport-roczny-2015>
- Polish Ministry of Foreign Affairs. (2017). *Poland's Promotion, 2017-27 (Kierunki Promocji Polski na Lata 2017-2027)*.
- Polish Ministry of Foreign Affairs. (2017). *Polish Foreign Policy Strategy 2017-2021*. Retrieved from <https://www.gov.pl/attachment/869184c0-bd6f-4a20-b8af-a5c8190350a1>
- Polish Ministry of Foreign Affairs. (2018). *Brand Poland (Marka Polska: Koncepcja)*. Retrieved from Warsaw
- Polish Ministry of Foreign Affairs. (2019). *Polish development cooperation - Annual Report 2018*. Retrieved from <https://www.gov.pl/web/polskapomoc/raport-roczny-2018>
- Polish Ministry of Foreign Affairs. (n.d.). *Polish Institutes*. Retrieved from <https://www.gov.pl/web/dyplomacja/instituty-polskie>
- Polonika. (n.d.). *What We Do*. Retrieved from <https://polonika.pl/programy>
- Potoroczyn, P. (Ed.) (2008). *Promotion of Poland through culture*: Ministry of Culture and National Heritage
- Rohac, D., & Kokonos, L. (2020, Nov 2, 2020). Poland's Culture Wars. *Foreign Policy*. Retrieved from <https://foreignpolicy.com/2020/11/02/poland-hungary-culture-wars-abortion-russia/>
- Sejm. (2008). *No. 917 On the promotion of Poland abroad*. Retrieved from <http://orka2.sejm.gov.pl/iz6.nsf/main/37f2cab2>
- Sejm. (2018). *Poland brand: Concept*. Retrieved from [https://orka2.sejm.gov.pl/INT8.nsf/klucz/ATTB95JVM/\\$FILE/z08247-o1\\_3.pdf](https://orka2.sejm.gov.pl/INT8.nsf/klucz/ATTB95JVM/$FILE/z08247-o1_3.pdf)
- Sejm. (2020). *Regulation No. 16 of the Prime Minister of February 19, 2020 on the Interministerial Team for the Promotion of the Republic of Poland*. Retrieved from <http://isap.sejm.gov.pl/isap.nsf/DocDetails.xsp?id=WMP20200000209>
- Shotter, J., & Srivastava, M. (2018, February 1, 2018). Poland's Senate defies criticism to pass Holocaust bill. *Financial Times*. Retrieved from <https://www.ft.com/content/783cf97a-072c-11e8-9650-9c0ad2d7c5b5>

- Smits, Y., Daubeuf, C., & Kern, P. (2016). *Research for CULT Committee – European Cultural Institutes Abroad*. Retrieved from Brussels: <https://www.cultureinexternalrelations.eu/2016/03/01/research-for-cult-committee-european-cultural-institutes-abroad/>
- Solanki, L. (2020). India-Poland Relations: Transformation Of Cultural Relations To Cultural Diplomacy. *Polish Political Science Review / Polski Przegląd Politologiczny*, 8(1) (pp. 52-67). doi: <https://doi.org/10.2478/ppsr-2020-0004>
- Statistics Poland. (2019, 09.07.2019). *Main directions of emigration and immigration in the years 1966-2018 (migration for permanent residence)*. Retrieved from <https://stat.gov.pl/en/topics/population/international-migration/main-directions-of-emigration-and-immigration-in-the-years-1966-2018-migration-for-permanent-residence,2,2.html>
- Statistics Poland. (2019, 03.01.2019). *The Polish organisations and institutions abroad and Polish diaspora organisations and institutions database*. Retrieved from <https://stat.gov.pl/en/topics/population/pires-and-polish-community-abroad/the-polish-organisations-and-institutions-abroad-and-polish-diaspora-organisations-and-institutions-database,1,1.html>
- Statistics Poland. (2020). *Demographic situation in Poland up to 2019. International migration of population in 2000–2019*. Retrieved from [https://stat.gov.pl/files/gfx/portalinformacyjny/en/defaultaktualnosci/3289/6/1/1/demographic\\_situation\\_in\\_poland\\_up\\_to\\_2019.pdf](https://stat.gov.pl/files/gfx/portalinformacyjny/en/defaultaktualnosci/3289/6/1/1/demographic_situation_in_poland_up_to_2019.pdf)
- Statistics Poland. (2020). *Higher education and its finances in 2019*. Retrieved from <https://stat.gov.pl/en/topics/education/education/higher-education-and-its-finances-in-2019,2,13.html>
- Statistics Poland. (2020). *Statistical Yearbook of the Republic of Poland 2020*. Retrieved from <https://stat.gov.pl/en/topics/statistical-yearbooks/>
- Statistics Poland. (2021). *Science and technology in 2019*. Retrieved from <https://stat.gov.pl/en/topics/science-and-technology/science-and-technology/science-and-technology-in-2019,1,15.html>
- Supreme Audit Office. (2019). *Promotion of Polish Culture Abroad [Promocja Kultury Polskiej Za Granicą]*. Retrieved from <https://www.nik.gov.pl/plik/id,21207,vp,23839.pdf>
- Supreme Audit Office. (2019). *Promotion of Polish Culture Abroad - Audit (2013-2018)*. Retrieved from <https://www.nik.gov.pl/plik/id,21207,vp,23839.pdf>
- Surowiec, P. (2012). Toward Corpo-Nationalism: Poland as a Brand: Marketizing National Identities in the “New” Europe. In N. Kaneva (Ed.), *Branding Post-Communist Nations* (1st ed.). New York and London: Routledge
- Surowiec, P. (2016, Aug 15, 2016). *Is Nation Branding The Answer To Poland’s Reputational Challenges?* Retrieved from <https://uscpublicdiplomacy.org/blog/nation-branding-answer-poland%E2%80%99s-reputational-challenges>
- Surowiec, P. (2020). Between Europeanisation and Corporatisation: Poland’s Nation Branding and Soft Power for Public Consumption. *East European Politics and Societies*, 0888325420950796. doi: <https://doi.org/10.1177/0888325420950796>
- Szczerbiak, A., & Bil, M. (2013). When in Doubt, (Re-)Turn to Domestic Politics? The (Non-) Impact of the EU on Party Politics in Poland. In H. T. (Ed.), *Party Politics in Central and Eastern Europe: Does EU Membership Matter?* (pp. 35-55). London: Routledge

- Szkarłat, M. (2020). Science diplomacy of Poland. *Humanities and Social Sciences Communications*, 7(1) (p. 59). doi: <https://doi.org/10.1057/s41599-020-00555-2>
- TVP Polonia. (n.d.). *About Us*. Retrieved from <https://polonia.tvp.pl/49057752/o-nas>
- UN. (2019). *International migrant stock 2019*. Retrieved from <https://www.un.org/en/development/desa/population/migration/data/estimates2/estimatesgraphs.asp?3g3>
- UNESCO. (2012). *Activities in the framework of the Polish presidency of the council of the European Union*. Retrieved from [https://en.unesco.org/creativity/sites/creativity/files/periodic\\_reports/old/poland\\_report\\_ownformat\\_en\\_2012\\_0.pdf](https://en.unesco.org/creativity/sites/creativity/files/periodic_reports/old/poland_report_ownformat_en_2012_0.pdf)
- Wilczek, M., & Cienski, J. (2019, September 18, 2019). Polish public promotion scheme backfires. *Politico*. Retrieved from <https://www.politico.eu/article/polska-fundacja-narodowa-polish-public-promotion-scheme-backfires/>

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