

**Table 1:** Summary of key AMS activities in NZ 2011–2021.<sup>a,b</sup>

Year	Initiative	Key papers	Leadership organisations
2011	<a href="#">National community antimicrobial prescribing guidance</a> published		bpac <sup>nz</sup>
2012	<a href="#">Healthcare Associated Infections Governance Group (HAIGG)</a> established		MOH
	<a href="#">Surgical Site Infection Improvement Programme</a> initiated		HQSC
2013	Five DHBs (Auckland, Canterbury, Capital and Coast, Counties-Manukau, Waitematā) employed AMS pharmacists		DHB
	<a href="#">Antimicrobial restrictions introduced into DHB hospitals</a>		PHARMAC
		Scoping report on AMS published <sup>14</sup>	HQSC
2014		Call to reduce antimicrobial use in NZ <sup>2</sup>	University
2015		Benchmarking comparison paper on the quantity of DHB inpatient antibiotic use (five DHBs) <sup>11</sup>	DHB
2016		Benchmarking paper on the quantity of community antibiotic use <sup>8</sup>	ESR
		Example of professional organisation position statement on AMR <sup>c 22</sup>	RACP
2017	NZ government committed to deliver on AMR through the NZ AMR Action Plan <sup>12</sup>		MOH, MPI
	<a href="#">Health AMR Coordination (HARC) Group</a> established <sup>d</sup>		MOH
	<a href="#">NZ AMR Governance Group</a> established <sup>e</sup>		MOH, MPI
		Benchmarking paper on AMS practice in DHB hospitals <sup>19</sup>	DHB, MOH

**Table 1:** Summary of key AMS activities in NZ 2011–2021<sup>a,b</sup> (continued).

Year	Initiative	Key papers	Leadership organisations
2018		Benchmarking paper of AMS practices in rural hospitals <sup>23</sup>	DHB, university
		Benchmarking paper on the impact of ethnicity on community antibiotic use <sup>24</sup>	DHB/bpac <sup>nz</sup>
		Paper showing 95% of human antibacteri- al dispensing is in the community <sup>9</sup>	DHB, univer- sity, PHARMAC
		First paper describing successful AMS initiative to promote oral rather than intravenous antimicrobial administration in DHB hospitals <sup>f 25</sup>	DHB
		<a href="#">NZ AMR Action Plan progress report (year 1)</a> published	MOH, MPI
2019		Paper describing a pharmacist-led peni- cillin allergy de-labelling service in a DHB hospital <sup>26</sup>	DHB
		Paper showing the impact of smartphone app on prescriber adherence to antibiotic guidelines <sup>27</sup>	DHB
2020	ACC scoping project for delivery of nation- al antimicrobial guidance completed		ACC
	<a href="#">National initiative for World Antimicrobial Awareness Week</a> to improve indication documentation on antimicrobial prescrip- tions		DHB, NZ AMS/ Infection Phar- macist Expert Group
	Draft <a href="#">National Sepsis Action Plan</a> released for consultation <sup>g</sup>		ACC, NZ Sepsis Trust
		First published point prevalence survey of antimicrobial use in DHB inpatients <sup>f 28</sup>	DHB
		Paper exploring the feasibility of using an e-prescribing system to inform AMS ward rounds <sup>29</sup>	DHB, Univer- sity
		Paper exploring NZ nursing attitudes to antimicrobial prescribing <sup>30</sup>	University

**Table 1:** Summary of key AMS activities in NZ 2011–2021<sup>a,b</sup> (continued).

Year	Initiative	Key papers	Leadership organisations
2021	Office of Prime Minister’s Chief Science Advisor major project on Antimicrobial Resistance and Infectious Disease initiated		Office of the Prime Minister’s Chief Science Advisor
	NZ AMS/Infection Pharmacist Expert Group officially formed		DHB, PSNZ, NZHPA
	AMS incorporated into new Health and Disability Services Standards <sup>16</sup>		MOH, Standards NZ

a. Community HealthPathways was initiated in Canterbury in 2008 and is now nationwide. It offers a unique platform to convey AMS information to community prescribers across NZ. Hospital HealthPathways was initiated in Canterbury in 2015 and is soon to be implemented in other sites in NZ.

b. Hyperlinks accurate as of 12 August 2021.

c. Other national organisations, such as [New Zealand College of Public Health Medicine](#) and [Royal Society Te Apārangi](#), also have position statements on AMR/AMS

d. “to provide a forum in which government agencies and representative health professional bodies, agencies and organisations with a stake in AMR can share information and expertise, and coordinate activities.”

e. “to oversee and provide advice on implementation of the Action Plan, as well as alignment between the Ministry of Health and the Ministry for Primary Industries.”

f. Other DHB AMS groups had already undertaken this type of work without the visibility of formal publication.

g. This follows NZ’s obligations, as a member state of the World Health Assembly, to follow the recommendations within [Resolution 70.7](#) relating to sepsis (includes AMS).

ACC – Accident Compensation Corporation; DHB – District health board; HQSC – Health Quality and Safety Commission; MPI – Ministry for Primary Industries; MOH – Ministry of Health; NZCPHM – NZ College of Public Health Medicine; NZHPA – NZ Hospital Pharmacists’ Association; PSNZ – Pharmaceutical Society of NZ; RACP – Royal Australasian College of Physicians.