Table 1. Multiple mechanisms and sources of funding leveraged by NRSP-9.

NRSP-9's Contribution	Value	Leverage	Partners <sup>a</sup>
Feed composition	2,760,000	Information made publicly	Industry
information on 2,760,000	samples x	accessible represents over	(private, for-profit)
samples	\$30/sample =	\$82 million in analytical	
	\$82,800,000	costs if analyses were	NASEM (private, non-
		conducted and paid for by individuals.	profit)
USDA Beltsville data	\$6,240,000 <sup>b</sup>	Securing Beltsville chamber	Agricultural Research Service
recovered and preserved		data represents the preservation of results from	(government)
		150,000 research hours.	
			NASEM (private, non-
Research support to	\$300,000	Research support to the	American Feed Industry
national poultry		NASEM efforts helped	Foundation (IFEEDER, non-
nutrition efforts		leverage \$300,000 in sponsor support to establish nutrient	profit foundation)
		requirements of poultry for	NASEM (private, non-
		use by researchers.	profit)
Research support to	\$300,000	Research support to the	American Dairy Science
national dairy nutrition		NASEM efforts helped	Association Foundation (non-
efforts		leverage \$300,000 in sponsor support to establish nutrient	profit foundation)
		requirements of dairy cattle	Industry (private, for profit).
		for use by researchers.	7 d
Professional society	\$65,691	Two funded proposals for	NIFA/USDA support
workshops and symposia		conference support. The	programs
		second funded proposal is	
		for the 2019-2021 period.	
Professional society	\$5,500	Support for the 2019 Poultry	Industry (private, for profit).
symposium		Science Association initial	
		introduction to the potential	
		for modeling in poultry nutrition.	
NANP website support	\$1,200	Provided funds for domain	Industry (private, for profit).
		name acquisition.	
Total leveraged support:	\$89,712,391		

<sup>&</sup>lt;sup>a</sup>Partners contributed the funds or nominal value listed in the Value column.

<sup>&</sup>lt;sup>b</sup>Estimate based on average wage of \$40/h, 25 years of employing 3 full-time researchers at Beltsville; costs of running experiments were not included.

**Table 2.** Publications associated directly with the NRSP-9, National Animal Nutrition Program\*

Year	Peer-reviewed print	Peer-reviewed	Proceedings	On-line guides,
	publications	on-line video	Abstracts	white papers
	_	publications		
2015	1		7	3
2016	4		6	1
2017	2		6	
2018		1	15	1
2019	8*		20	
Total	15	1	54	5

<sup>\*</sup> One peer-reviewed publication is in "accepted with minor revision" status. The listing does not include publications of individual committee members related to NRSP-9 objectives that were funded through their institutions. (<a href="https://animalnutrition.org/peer-reviewed-papers">https://animalnutrition.org/peer-reviewed-papers</a>)

Figure 1. Accelerating impact of the peer-reviewed on-line video publication.



**Table 3.** Comparative website usage since inception of the new website

	Period Covered				
Metric	March 2018	June 2019	%	Explanation	
			Change	-	
New users (unique)	249	473	+90.0	Adding unique users at twice the rate	
New user countries	49	58	+18.4	Adding new users from more countries	
New U.Sbased users, % of total new users	43	51	+9.4	Greater visibility of NANP website within the U.S.	
Returning users	48	104	+116.7	More users return to the website repeatedly	
Sessions	342	789	+130.7	Users are returning to the website for twice as many sessions	
Sessions per user	1.37	1.51	+10.3	Users return to the NANP website more frequently than when it first launched	
Pageviews	1,365	2,471	+81.0	Users are viewing more content each time they return to the website	
Pages/session	3.99	3.13	-21.5	Decreased rate suggests users are better able to find the content they're looking by visiting fewer pages (i.e., website is easier to navigate)	
Count of sessions lasting 1-3 minutes	46	87	+89.1	Indicates user attention is being held by current website longer than before	
Average session duration	00:04:05	00:04:07	-0.5	No real change in how long a user remains on the NANP website	