Journal of Dairy Science® 2018 Editorial Report

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Introductory Comments

We published the 101st volume of the *Journal of Dairy Science* in 2018 with a record number of pages (11,518; Figure 1). The annual growth has averaged over 600 pages per year during the period depicted. The total number of submitted papers has increased by 54% since 2012 but time to publication has not changed appreciably during this 7-year period (Table 1). Our ability to maintain a short time to publication reflects our continuing efforts to streamline and improve the entire publication pipeline. The goal for 2019 is to continue to shorten our time to publication and continue to improve the experience of our authors by providing high-quality reviews after submission, outstanding technical editing after acceptance, and high visibility after publication. We plan to attract the best authors, publish the highest quality science, and continue our long history as the leading source of new information in the dairy sciences.

Recognition of Service

Many individuals are dedicated to the effort and embody the high standards of the *Journal of Dairy Science*. Editorial and production work is handled by FASS Inc. (Champaign-Urbana, Illinois). The staff working directly with the journal includes Susan Pollock (managing editor), Louise Adam (lead technical editor), and Shauna Miller (editorial assistant). Additional individuals who devote a large percentage of their time to the journal include Chris Davies, Mandy Eastin-Allen, Sharon Frick, Christine Horger, Ron Keller, and Lisa Krohn. We could not publish such a large volume of scientific information without the continued commitment of FASS and its employees.

Section editors direct manuscripts through the review process and make publication decisions. The decision to accept, reject, or revise may be difficult. Nonetheless, we receive very few author complaints concerning the review process. Section editors who completed their

terms in 2018 were Lisbeth Goddik (Oregon State University) in Dairy Foods, John Roche (DairyNZ) in Farm Systems Analysis and Economics (formerly Management and Economics), David Beede (Michigan State University) in Physiology, and Filippo Miglior (Canadian Dairy Network/University of Guelph) in Invited Reviews. The journal owes tremendous gratitude to these individuals, who dedicated many years of their professional lives to the journal. Six new section editors replaced the retiring section editors. New section editors are Olivia McAuliffe (Teagasc; Dairy Foods), Alex Bach (IRTA; Animal Nutrition), Robin White (Virginia Tech; Farm Systems Analysis and Economics), Laura Hernandez (University of Wisconsin; Physiology), and Kerst Stelwagen (SciLactis Ltd.; Invited Reviews). In addition to the new section editors, we have John McKillip (Ball State University) and Federico Harte (Penn State University) are senior editors in Dairy Foods, along with section editors Mike Miller (University of Illinois) and Yves Pouliot (Université Laval); Paul Kononoff (University of Nebraska; senior editor), Jeffrey Firkins (Ohio State University), Masahito Oba (University of Alberta), and Zhongtang Yu (Ohio State University) in Animal Nutrition; Christian Maltecca (North Carolina State University; senior editor), Andrés Legarra (INRA), and Nicolo Macciotta (University

Figure 1. Number of pages published in the *Journal of Dairy Science* since 2008.

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Table 1. *Journal of Dairy Science* statistics for 2018 compared with previous years

	2018	2017	2016	2015	2014	2013	2012
Average papers received/mo	155	152	142	124	117	112	102
Average papers accepted/mo	82	81	78	75	66	64	63
Average papers published/mo	85	78	79	70	65	65	62
Pages published	11,518	10,486	10,242	9,102	8,058	8,134	7,466
Average review time (d)	127	125	119	129	137	139	141
Average production time (d) ¹	106	98	101	92	89	87	105
Average total time (d)	233	223	220	221	226	226	246
Average accept to in press (d)	50	54	49	46	49	47	60
Average submit to in press (d)	177	179	168	178	184	189	200

¹To print production.

of Sassari) in Genetics and Genomics; Tanya Gressley (University of Delaware; senior editor), Jon Huxley (Massey University), Stephen LeBlanc (University of Guelph), Pam Ruegg (Michigan State University) and Dan Weary (University of British Columbia) in Health, Behavior and Well-being; Albert De Vries (University of Florida) in Farm Systems Analysis and Economics; and Stephen Butler (Teagasc) and Gerd Boebe (Oregon State University) in Physiology.

The editorial board included 78 members in 2018. We select editorial board members in the fall and attempt to balance the number of incoming papers within each section with an appropriate number of editorial board members. Editorial board members are expected to review 1 to 2 manuscripts each month. I receive many requests each year from individuals who want to become more involved and join the editorial board. The first step to becoming an editorial board member is demonstrating a sufficient number and quality of reviews when acting as an ad hoc reviewer. We sent out more than 2,000 “thank you” letters to reviewers who served the *Journal of Dairy Science* in 2018. Our reviewers ensure that we maintain high scientific standards while maintaining a short time from submission to publication. We sincerely appreciate the contributions of editorial board members and ad hoc reviewers.

2018 in Review—The Numbers

The *Journal of Dairy Science* ranked fourth by Impact Factor (2.749) among 60 journals in the Agriculture, Dairy and Animal Science category and 35th by Impact Factor among 133 journals in the Food Science and Technology category. We published 10% of all articles published in the Agriculture, Dairy, and Animal Science category. There were 11,518 published pages in 2018 (Table 1). We averaged under 6 mo from submission to “in press” and approximately 8 mo from submission to publication in print. Very few complaints were received from authors with respect to the timeliness of the review process or the quality of reviews. Credit for

these successes goes to our section editors, reviewers, authors, and production staff.

The journal received 1,865 new submissions in 2018, 37 more than the number of new submissions in 2017 (a 7% increase). The acceptance ratio has declined over the past 5 years (2014: 59.8%; 2015: 58.6%, 2016: 54.8%; 2017: 53.4%; 2018: 52.9%). Most papers are published as research articles (Table 2), but we also published 20 invited reviews and 24 symposium papers in 2018. The number of invited reviews published in 2018 approached our goal of 2 invited reviews per month (24 invited reviews annually). Approximately 20% of papers published were in Dairy Foods (Table 3) and the remaining 80% were in Production (Table 4). For Dairy Foods, the largest section was Microbiology and Safety; for Production, the largest section was Health, Behavior, and Well-being, followed closely by Animal Nutrition. Based on the numbers from the past 2 years, the section experiencing the greatest growth in number of published papers is Health, Behavior, and Well-being.

Highlights from the Past Year

We strive to continually improve the *Journal of Dairy Science* and provide a better experience for our authors, reviewers, editors, and readers. Here are some highlights for the past year:

- (1) Author experience
 - Increased Impact Factor to 2.749
 - Reduced the average time from submission to “in press” by 2 d compared with 2017
 - Increased our presence on social media
 - Reduced pages charges to \$65 per page for ADSA members
 - Updated and improved manuscript submission forms
 - Continued the Editor’s Choice and Most-Cited Award programs

Table 2. *Journal of Dairy Science* manuscript and page statistics by article type for 2018^{1,2,3}

Month	Research		Dairy Industry Today		Invited Review		Short Communication		Technical Note		Symposium	
	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages
Jan	59	708	3	31	1	17	18	104	—	—	1	10
Feb	68	817	5	50	1	17	7	43	3	18	—	—
Mar	64	792	3	33	—	—	6	31	4	19	5	70
April	59	689	1	9	1	51	12	70	1	5	8	117
May	50	615	6	60	2	36	6	33	4	29	—	—
June	58	708	—	—	6	115	10	56	3	19	5	62
July	70	844	—	—	2	31	9	61	6	35	3	49
Aug	68	820	3	36	3	39	8	52	4	23	2	29
Sept	66	810	3	33	—	—	11	58	1	8	—	—
Oct	67	871	2	18	2	43	9	52	2	14	—	—
Nov	72	884	2	24	—	—	6	38	3	18	—	—
Dec	63	747	—	—	2	37	15	93	1	9	—	—
Total	764	9,305	28	294	20	386	117	691	32	197	24	337

¹Table does not include hot topics, letters, errata, news, or editorial.

²In 2018, JDS published 4 hot topics in 20 pages and 1 Graduate Student Lit Review in 10 pages.

³In May, JDS published 13 silage review papers in 208 pages (not added to the Invited Reviews totals).

- Inducted 4 new members to the JDS Club 100: R. M. Bruckmaier (University of Bern), F. Kosikowski (Cornell University), J. J. Loor (University of Illinois), and J. E. P. Santos (University of Florida)
 - Initiated the Graduate Student Literature Review competition
- (2) Reviewers and Editors
- Appointed 6 new section editors
 - Appointed 2 senior editors to the Dairy Foods section
 - Increased the number of editorial board members
- Updated and improved the reviewer database used by section editors
- (3) Readers
- Published almost 1,000 papers in dairy science
 - Published 5 more invited reviews and 8 more symposium papers compared with 2017.
 - Opened the *Journal of Dairy Science* archive so that anyone can freely access any article that is more than 12 months old
 - Created a new and improved website for the *Journal of Dairy Science*

Table 3. *Journal of Dairy Science* research manuscripts and page statistics published in Dairy Foods¹ for 2018

Month	BHH		CMS		MS		PE		RE		SA	
	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages
Jan	2	19	3	29	8	67	3	31	—	—	1	10
Feb	3	35	3	44	5	52	2	24	—	—	1	14
Mar	5	47	5	57	7	71	1	7	—	—	3	49
April	4	28	3	25	10	98	7	76	—	—	—	—
May	4	41	3	36	4	31	5	52	—	—	1	17
June	5	47	4	45	7	63	1	6	—	—	1	9
July	2	22	3	34	5	51	3	29	—	—	3	40
Aug	3	32	10	110	10	118	4	50	—	—	—	—
Sept	1	11	3	34	9	81	2	34	—	—	—	—
Oct	6	64	3	41	1	11	4	59	—	—	4	53
Nov	1	5	2	17	2	23	5	55	—	—	2	22
Dec	9	94	4	39	4	60	4	47	—	—	2	20
Total	45	445	46	511	72	726	41	470	—	—	18	234

¹BHH = Bioactivity and Human Health; CMS = Chemistry and Materials Science; MS = Microbiology and Safety; PE = Processing and Engineering; RE = Resources and Environment; and SA = Sensory Analysis. Table does not include Dairy Industry Today manuscripts or invited reviews.

Table 4. *Journal of Dairy Science* research manuscripts and page statistics published in Production¹ for 2018

Month	AN		BGG		HBW		ME		P		RE	
	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages
Jan	20	249	5	49	19	172	4	46	15	171	1	10
Feb	16	200	6	57	24	243	7	77	15	167	1	15
Mar	11	132	14	158	16	178	5	58	14	184	1	4
April	10	118	8	116	19	194	4	50	18	195	—	—
May	24	340	6	59	19	188	5	65	8	116	—	—
June	17	198	8	89	19	212	3	32	9	121	2	23
July	25	281	6	85	20	199	2	19	15	170	4	59
Aug	17	198	8	91	20	225	4	51	8	78	1	7
Sept	17	217	4	38	22	226	8	97	16	176	1	10
Oct	16	182	6	96	35	377	1	17	4	55	—	—
Nov	19	231	10	111	32	363	1	12	9	125	—	—
Dec	10	105	17	179	10	92	2	23	17	176	1	19
Total	202	2,451	98	1,128	255	2,669	46	547	148	1,734	12	147

¹AN = Animal Nutrition; BGG = Breeding, Genetics, and Genomics; HBW = Health, Behavior, and Well-being; ME = Management and Economics; P = Physiology; and RE = Resources and Environment. Table does not include Dairy Industry Today manuscripts or invited reviews.

- Published a special issue on silage in May and a special series of calf papers in October
- Renamed journal sections: Breeding, Genetics, and Genomics became Genetics and Genomics, and Management and Economics became Farm Systems Analysis and Economics

It is a great pleasure to serve the *Journal of Dairy Science* as the editor-in-chief. I am looking forward to continued service to and success of the journal.