

Coffee: Facts & Myths

A Barista's Perspective: Respect the Bean

Make Mine Decaf



Nestle

Universal Appeal

From morning to night and summer to winter, people love their coffee.

Around the world, we drink 1.6 billion cups of coffee every day,¹ and it's probably one of the most requested items on your menu.

There are hundreds of ways to prepare and enjoy this beverage, and consumer tastes are evolving all the time. In this issue, we will look at the facts behind coffee, share the latest findings about its effects on people's health, help you prepare for customer requests and concerns, and suggest new opportunities to increase your coffee sales.





MYTH: Even small amounts of caffeine are addictive.

TRUTH: Recent scientific studies using brain scans suggest that moderate coffee drinkers do not develop a physical dependence to caffeine. Scientifically speaking, caffeine does not fulfill the criteria defined by the medical community for addiction, especially since it does not act on the centre of pleasure and reward.

MYTH: Coffee is bad for cholesterol levels.

TRUTH: Coffee's effect on cholesterol levels is largely dependent on the method of brewing. Filtered and soluble coffee are not associated with a significant increase in cholesterol levels, while boiled coffee can raise cholesterol levels.

MYTH: Coffee is bad for cardiovascular health.

TRUTH: Studies show that moderate coffee consumption is not linked to an increased risk of cardiovascular problems such as heart disease, heart attacks, irregular heartbeat or high blood pressure.^{7,8}

Friend or foe to your health?

Is drinking coffee good for you, or not? It's a question people have pondered for years, but much of the latest scientific research seems to come down in its favor. That's right, it is good for you. The studies here show you some of the ways coffee and caffeine have been linked to positive effects on physical and mental health.

BENEFITS FROM THE BEANS

Just like any other food or beverage, coffee beans contain some nutrients. The average cup of coffee can add small amounts of micronutrients, magnesium, and potassium, along with polyphenols which have been shown to enhance some health outcomes.

DRINK UP: COFFEE COUNTS!

Leading health organizations recommend that adults drink 1.5 liters of water per day, and evidence shows that drinking coffee can help meet those needs. Contrary to what people once thought, new research has revealed drinking coffee in moderation (4-5 cups per day) does not cause dehydration.¹⁰ In fact, black coffee contains more than 95% water,¹¹ so each cup of coffee you drink gets you closer to the recommendation for proper hydration.

A MUG FOR POSITIVE OUTLOOK

Could coffee help with a more positive outlook? Recent research regarding coffee, caffeine, and depression suggested a positive association.

In a study of 50,739 women (average age 63 years), those who consumed at least 2-3 cups of caffeinated coffee per day were about 20% less likely to develop depression, compared to those who drank up to one cup of coffee per week.¹²

DID YOU KNOW?

Lattes and cappuccinos can be functional foods. When your customers are looking for the calcium their bodies need from milk, cappuccinos and lattes can also be an option.

Caffeine

More than just coffee

Caffeine is found in coffee, tea and cocoa-based drinks. The caffeine content of foods and beverages varies according to the plant they are made from in addition to the way the ingredients are prepared.

Caffeine in Milligrams ¹³			
T	/pical	Range	
Coffee (240 ml)	1	1	
Brewed, drip method	85	60-120	
Brewed, percolator	75	60-85	
Decaffeinated	3	2-4	
Espresso coffee (30 ml)	40	30-50	
	-		
Tea (240 ml)			
Brewed	40	20-90	
Instant	28	24-31	
lced	25	9-50	

A STATE OF	ypical	Range
Other Beverages (240 m	nl)	
Some soft drinks	24	20-40
"Energy" drinks	80	0-80
Cocoa beverage	6	3-32
Chocolate milk	5	2-7
01 11 120		
Chocolates (30 grams)	Section 200	-
Milk chocolate	6	1-15
Dark chocolate, semiswee	t 20	5-35
Baker's chocolate	26	26
Chocolate-flavored	4	4
syrup (30 ml)		

How much is too much?

A regular cup of caffeinated coffee contains approximately 60-120 mg of caffeine. Because caffeine affects everyone differently, paying attention to the way you feel after you drink it can help you determine the "right" amount of coffee for you.

- Low to moderate doses of caffeine have been shown to improve ratings of happiness and reduce levels of anxiety, but high doses can increase anxiety, nervousness and jitteriness.²¹
- Some health authorities recommend that pregnant women should limit their daily caffeine intake to 200-300 mg from all sources.²²



EYE-OPENING FACTS ABOUT CAFFEINE

Caffeinated coffee has a reputation for keeping people awake and alert, and recent studies back up those claims.

- According to the European Food Safety Authority (EFSA), 75 mg of caffeine (about one regular cup of coffee) leads to both increased attention and alertness.14
- The effect on alertness is greatest when an individual's
- Drinking a strong coffee (125 ml containing 200 mg caffeine) and/or taking a short nap (15-30 minutes) are very effective at coffee) improves word recall compared to placebo.²⁰ reducing impairment in nighttime driving.^{16, 1}
- Caffeine has been shown to reduce cognitive errors outside the workplace.19
- A study of college students in 2009 reports that 200 mg



How decaffeination works

- 1. The green coffee beans are soaked with water.
- 2. Water is circulated around the beans to extract the caffeine.
- 3. The mixture is drained and the process is repeated until most of the caffeine is gone.
- 4. The beans are soaked again in the decaffeinated water to reabsorb flavor compounds that were removed in the initial extraction.
- 5. The decaffeinated coffee beans are dried and ready for roasting.

Meet Ola

Ola Persson is the Nestlé Professional coffee expert. A barista with 15 years of experience, he knows coffee from the plantation to the cup. He is passionate about helping our customers transform a good cup of coffee into a great cup of coffee and leveraging knowledge into action to provide a competitive advantage. Ola is also an artist, musician, DJ, and author of several books on coffee creations.

-"The bean continues to teach you more."



Bard from your Bardstall

"My favorite coffee always changes. Today my favorite is a soluble decaf because it is less bitter and has a natural sweetness and acidity, which is perfect for some of my coffee creations. But if you ask me next week, I would probably have another favorite. This is why I love to work with coffee, because it has so many variations."

Respect the bean

It takes three to five years to harvest a crop of coffee, making it difficult and resource-intensive. Beans are harvested only when ripe, and almost every one is picked by hand. Then they are perfectly roasted, ground, and brewed to offer a purely natural beverage for your wellbeing.

So much work and expertise goes into growing a coffee bean, and it's up to you to keep that passion alive when you serve it. Just as you wouldn't start cooking with poor quality ingredients or serve food on a splattered plate, coffee should be served mindfully. Here are some tips to give you a competitive advantage against those who fail to respect the

- Always look at the cup of coffee to ensure it looks great: no spills on the saucer, crema is red-brown (not white), cappuccino foam looks fresh. You can even dress it up with latte art or a sprinkle of cocoa or cinnamon.
- 2. Engage with the drink and the customer. Always serve with a smile and mention your customer's name if you know it. If you don't know it and they are a repeat customer... learn it. When you know what your repeat customers want, you can reduce your waste, better manage your orders and make them feel special by having their order ready earlier. This enhances the sense of wellbeing for your customers and creates a positive experience at your establishment.

Setting the bean scene

Your restaurant setting can attract certain types of coffeedrinking customers. Do you want to appeal to an audience that wants intimate one-to-one connections? Set up small tables with no more than four chairs. Would you rather be THE most popular meeting place for a village or school campus? Create open seating for a large number of people. This will create a welcoming environment where individuals can expect to meet others to talk.

What makes the perfect cup?

Coffee enjoyment is very personal, so the best coffee is the one you like. A good cup of coffee reaches most of the taste buds on the tongue. The initial extraction of coffee provides salty, sweet, slight acid, and bitter notes. If a coffee bean is extracted too long, it will create an unpleasant sensation we call a "grab in the throat." This will typically leave a coffee cup half full (and potentially prevent someone from becoming a repeat customer).





Global tastes: A few of Ola's favorite recipes

CAFFÉ MOJITO (COLD)

1 double espresso 30 ml Monin Mojito mint syrup 2 lime wedges 3-4 mint leaves Crushed ice

Make a double espresso and put it aside to cool down. Put the lime and mint leaves in a glass and mash them with a muddler. Then pour the syrup into the glass and fill it with crushed ice. Pour the cold espresso over the ice. Decorate with mint leaves and a straw. Don't forget to mix the drink before you serve it.

MADE IN INDIA

1 pinch of saffron 5 grams sugar 500 ml milk 4 servings espresso coffee

Mix saffron and sugar into milk. Heat and froth the milk to about 60°C/140°F. Make espresso according to package directions. Pour the saffron milk over the espresso. Makes two drinks.

FRAPPE COCONUT (COLD)

1 double espresso 250 ml milk 20 ml coconut syrup or 40 ml Malibu 6-8 ice cubes Chocolate sauce for decoration

Drizzle the chocolate sauce in a wave pattern on the inside of the serving glass. Put all other ingredients in a mixer and mix to a milkshake consistency. Then pour the drink into the saucedecorated glass and garnish with some grated coconut.

A GOOD CROP OF COFFEE

In the area between the tropics, conditions are consistent all year round, with temperatures ranging from 15-24°C/59-75°F. This is the ideal growing condition to encourage photosynthesis, the way plants use sunlight to turn carbon dioxide and water into the energy they need for proper growth. Photosynthesis is slower above these temperatures, and coffee plants can be damaged by frost when temperatures approach freezing.

Even changes throughout the day can make a difference. Experimental evidence has indicated that a large gap between day and nighttime temperatures is beneficial to the flavor of fruits. Since a coffee cherry is a fruit and the seed is in contact with the fruit, these benefits will be passed on to the seed and therefore into the cup.24

- Coffee grows in around 80 countries in South and Central America, the Caribbean, Africa, and Asia.
- · Arabica coffee accounts for about threequarters of coffee cultivated worldwide. It is grown throughout Latin America, Central and East Africa, India and, to some extent, Indonesia.
- Robusta coffee is grown in West and Central Africa, throughout Southeast Asia and, to some extent, Brazil.
- Brazil is the largest coffee exporting nation, but Vietnam tripled its exports between 1995 and 1999, becoming a major producer of Robusta beans.
- · Indonesia is the third-largest exporter and the largest producer of washed Arabica coffee.25

The French design the drip

pot for making

a better tasting

cup of coffee.

Italian espresso made with forced water under pressure is launched at the Paris Exhibition.23

Nectar from a red fruit

Those aromatic dark brown beans we know and love begin their life on a coffee tree. These shrub-like plants are grown all around the world, from the Tropic of Cancer to the Tropic of Capricorn. They bear round red fruits called coffee cherries, and the "beans" are actually the seeds of these cherries. After these soft green seeds are removed, they are roasted to bring out certain aromas and flavors, then ground, brewed, and-ahhh, enjoyed, one cup at a time.

A Hot Market

Research suggests an opportunity to drive orders of hot drinks by addressing the demands of younger consumers. Hot drinks already appeal to older people, with 89% of those over 34 years old choosing tea and 93% choosing coffee. Purchase rates among younger people are lower, particularly for coffee. Around a fifth of adults under 25 years old do not purchase coffee, while 14% do not purchase tea. Tea and coffee purchasing is particularly strong among middle-aged people, which might emphasize the family element that surrounds hot drink consumption.²⁶

Hot drinks, especially tea and coffee, are generally viewed as a healthy beverage option relative to other drinks. This creates an opportunity to attract more health-aware consumers who are trying to moderate their intake of nonhealthy beverages.

- Brazil, China, and the US are the largest markets for hot drinks; however, per capita expenditure is higher in European markets.
- Hot drinks (including instant and roast/ground coffee, tea, and other hot drinks) represented \$90 billion in global spending in 2011.²⁷

Consumers care about their health. 73% would like to choose healthy options, yet 40% are confused over which drinks are healthy.²⁸ By providing information and healthier options, you can satisfy their desires.

Low-cal options

Are your customers looking to cut calories from their favorite coffee beverages? Here are three simple solutions:

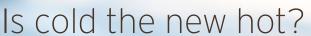
Milk

Provide lower-fat milks. If you have a health-conscious customer base, offer soy or nut milk such as almond milk.

Serve coffee without added sugar and offer alternative sweetener.

Syrups

Let your customers know how many calories the added syrups provide so they can make the best choice for themselves. You might want to check into lower-sugar syrups to meet this demand.



Some like it hot, but others like it cold. The demand for chilled and iced coffee products is rising, with people choosing cold coffee for pure refreshment and relaxation. Here are the locations where your guests are looking for cold offerings.²⁹

Café Coffee Shop and Bar

care, correct shop and Bar	54%
Fast Food Restaurant	26%
Full Service Restaurant	25%
Convenience Store	24%
At Work	22%
At School	17%
Fine Dining	17%
Hotel	15%

A growing taste for specialty coffee

- Over 500 billion cups of coffee are sold every year, with a 20% increase per year.30
- Over a third of coffee sales are now specialty coffees such as latte macchiatos and cappuccinos.³⁰
- The average latte macchiato sells for almost double the price of a standard coffee.30
- Specialty coffee drinkers are younger than black-coffee drinkers and they are forming their brand loyalties now.30
- 42% of global consumers say that a claim of "customized" or "personalized" would improve their perception of a grocery product.31

DID YOU

Soluble coffee accounts for 17% of the green coffee produced every year and contains only KNOW? beans and water. Nothing else!

WHYWELOVEIT

Let us count the ways! Coffee is a favorite to wake us up in the morning or recharge us later in the day. But there are many other reasons people choose this drink, and understanding those motivations can help you increase your sales and generate more consistent traffic throughout the day.

Reasons to drink coffee³²

Starting the day	69%
Recharging	59%
Comfort & relaxation	29%
A small treat	23%
Social sharing	21%
Thirst quenching	9%
Meal accompaniment	9%
Rehydrating and restoring	6%
Proactive health	4%

THE TRIUMPH OF NESCAFÉ MILANO

to produce better tasting coffee. Years of research and experience have led us to the realization that great coffee comes espresso machines, while delivering from finding a process that eliminates inconsistencies, and that's why we created Nescafé Milano.

Since the 1930s, Nestlé has been working This specialty coffee solution prepares coffee on average 30% faster than bean to cup and 75% faster than manual consistency, freshness, simplicity, and less waste. As a result, it helps you make happy repeating customers.³⁰

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Tea - A Global

Vitamins: The Orchestra For

Beverage

The Body

Available Nutripro Issues

Additives Simplified

Beverages - A Key to a Healthy Life

Carbohydrates

Cocoa and Malt

Coffee: Wherever, Whenever, However

Cooking Methods

Desserts -Feed the Soul

Dietary Fibre -And Its Various Health Benefits Fat, Oil and Cholesterol

Food Allergies

Meals for Kids Menu Planning

Milk - The Added Value

Minerals

The Pleasure of Eating and Drinking

Sodium

Sweetened Beverages

Coming Soon

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